TRADE SAGER MARK

LOCKS
HARDWARE

NORTH CHICAGO, ILLINOIS

SAGER

CATALOG NO.

1033

PRESENTED TO

"Antique Doorknob Collectors of America"
"Ernie Miller Memorial Library"
Donated by: Dorothy Ann Miller
In Memory of Ernie R. Miller 1984

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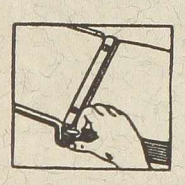
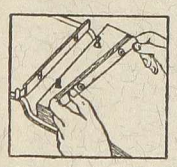
DIRECTIONS FOR OPERATING

THE SPEEDLOK BINDER

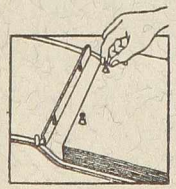


TO UNLOCK BINDER — Pull out slide bar on wing under top cover. Top cover will then fall back and sheets can be inserted or removed.



TO REMOVE OR CHANGE SHEETS — Turn to page where change is to be made. Remove all sheets above this page with the bar attachment for holding the sheets.

TO LOCK BINDER — Bring wing back over the posts — be sure that posts fit in the holes in wing — press down lightly on wing — then push in slide bar.



To increase capacity of Binder turn up screws in posts, until the desired capacity is secured.

For Many Decades The Trade Mark

SAGER

Has Been Symbolic of the Utmost in

BEAUTY, DEPENDABILITY AND DURABILITY

in

BUILDERS' HARDWARE

With this solid background of tradition as an inspiration for still greater accomplishments, we have prepared, published and now present to the hardware trade this

CATALOG No. 37

A perusal of its pages will disclose that it is much more than a mere catalog of SAGER products. It constitutes a Handbook on Builders' Hardware containing a wealth of information which we trust will be useful to architects, builders, contractors, wholesalers, retailers and builders' hardware specialists.

Great care has been taken to include considerable information especially beneficial to those who are just beginning their careers in these fields of endeavor. It is our cherished hope that to the beginner, as well as to the expert, this catalog will prove to be a reference book yielding many valuable data.

SAGER LOCK WORKS

DIVISION OF THE YALE & TOWNE MANUFACTURING COMPANY

NORTH CHICAGO, ILLINOIS

MAY 86

TRADE-MARK AND TRADE-NAME

TRADE SAGER MARK

Under the Common Law, the Sager Trade-Mark, when used in connection with Locks and Hardware, is the exclusive property of our Company and cannot lawfully be used by others. For nearly half a century it has been used to indicate products of our manufacture.

The Sager Trade-Mark and Trade-Name have long been recognized and accepted as hallmarks of quality and dependability in Builders' Hardware.

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SAGER LOCK WORKS

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CONDITIONS OF SALE

TERMS OF PAYMENT—(1% 10 days, 30 days net). All invoices, except those covering C. O. D. shipments, are due and payable, net cash, 30 days from date of invoice, in legal tender of the United States of America. Checks, money orders, New York or Chicago exchange, or other current funds will be accepted **subject to collection and returns.** Unless specifically otherwise stated in the invoice, a cash discount of 1% of the amount of the invoice will be allowed if payment is made within 10 days from date.

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To all accounts not paid when due will be added interest at the rate of 6% per annum from date of delinquency and will be subject to sight draft, without notice.

The foregoing applies to all invoices whether covering partial or complete shipments made on either stock or contract orders.

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Hardware ordered for contracts but not used, or items made to special sizes or special details or that differs in any respect from our regular cataloged items, are not returnable and no credit will be allowed for such items if returned.

Any merchandise returned without our express authorization will be held subject to shipper's instructions for its disposition.

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SIZES—Measurements and dimensions indicated in this catalog are subject to minor discrepancies due to unavoidable slight variations incidental to the processes of manufacture. If exact dimensions are required on any items, the order must specify "To Template" For items manufactured "To Template" an additional charge will be made.

WEIGHTS—Weights indicated in this catalog include wrapping and boxes and are subject to slight variations. These weights are not guaranteed and are given solely for the purpose of assisting the purchaser in estimating transportation charges, etc.

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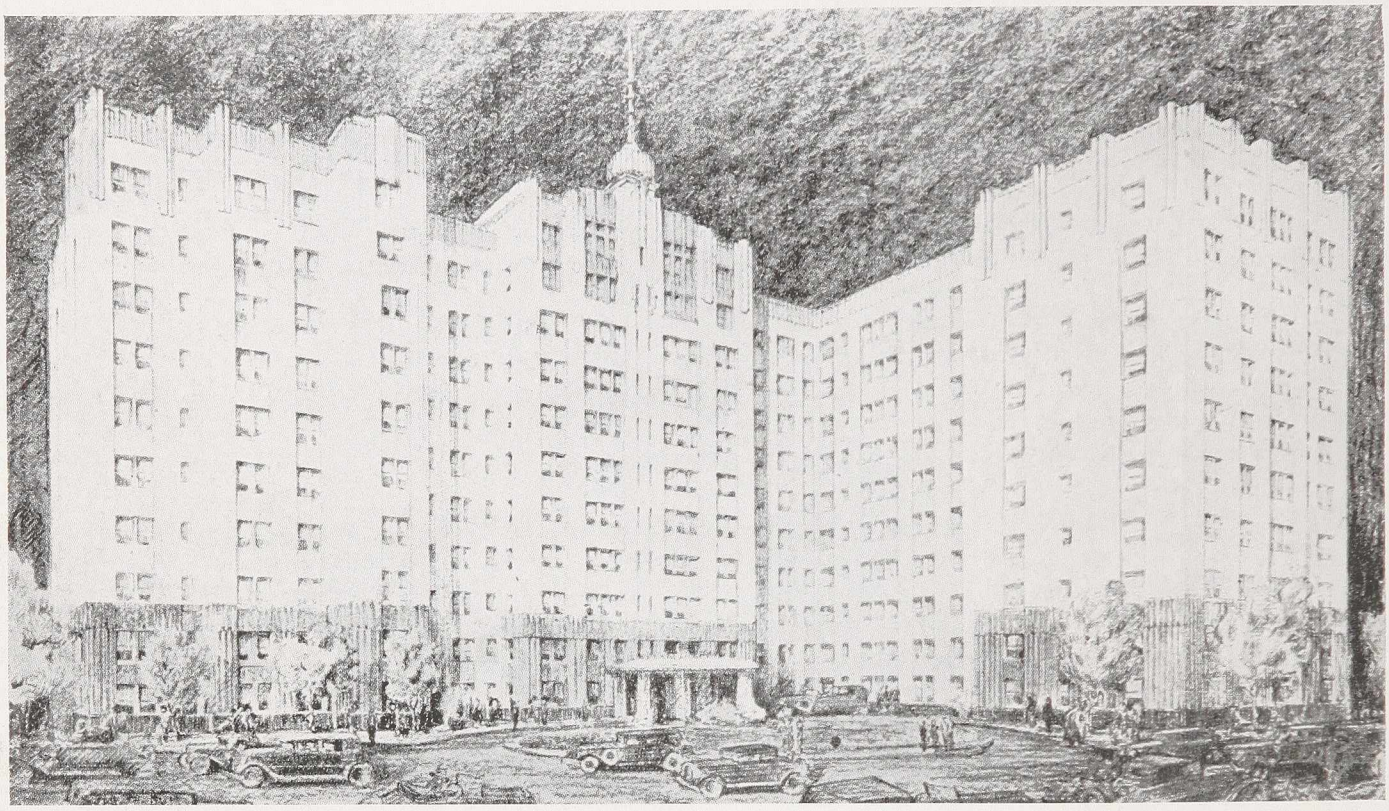
AGREEMENT—The tendering of any order and its acceptance by us will constitute an agreement on the part of the purchaser to be specifically bound by all the provisions set forth in the foregoing "Conditions of Sale".

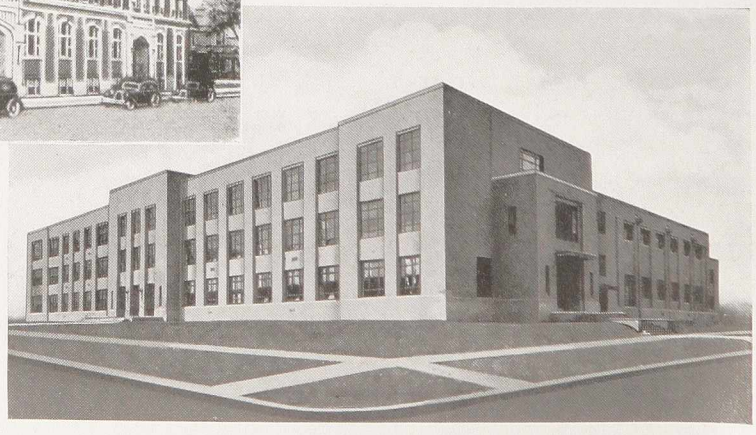
SAGER LOCK WORKS
Division of The Yale and Towne Manufacturing Company
North Chicago, Illinois

The buildings illustrated on this and following pages are equipped with SAGER locks and hardware. They are indicative of the many types of buildings for which SAGER hardware is preeminently suitable.



Royal York Apartment Building, Pittsburgh, Pennsylvania

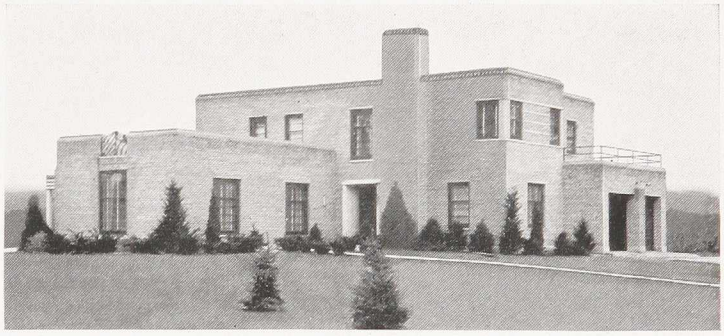
Cook County Hospital, Chicago, Illinois



Champaign Junior High School, Champaign, Illinois

St. Cloud Hospital, St. Cloud, Minnesota

Skirvin Hotel, Oklahoma City, Oklahoma

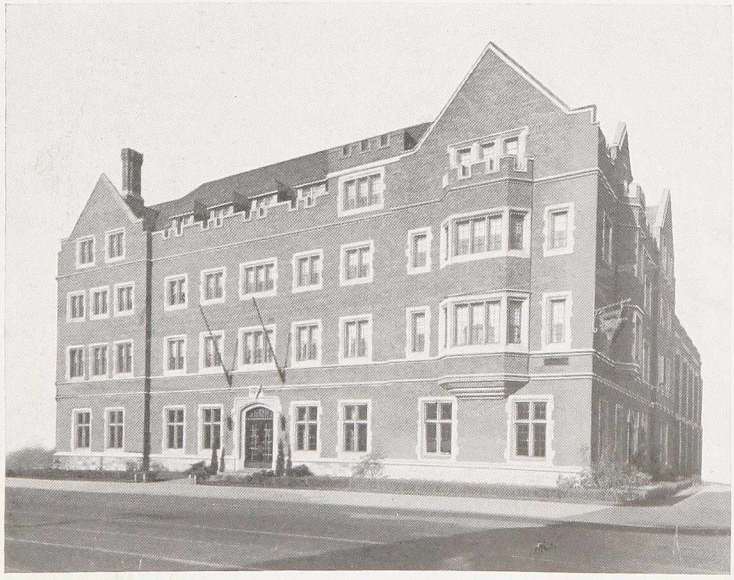


Ryan Residence, Rockford, Illinois

Alpha Phi House, University of Texas, Austin, Texas

Skirvin Tower, Oklahoma City, Oklahoma

Lindbergh Residence, Rockford, Illinois

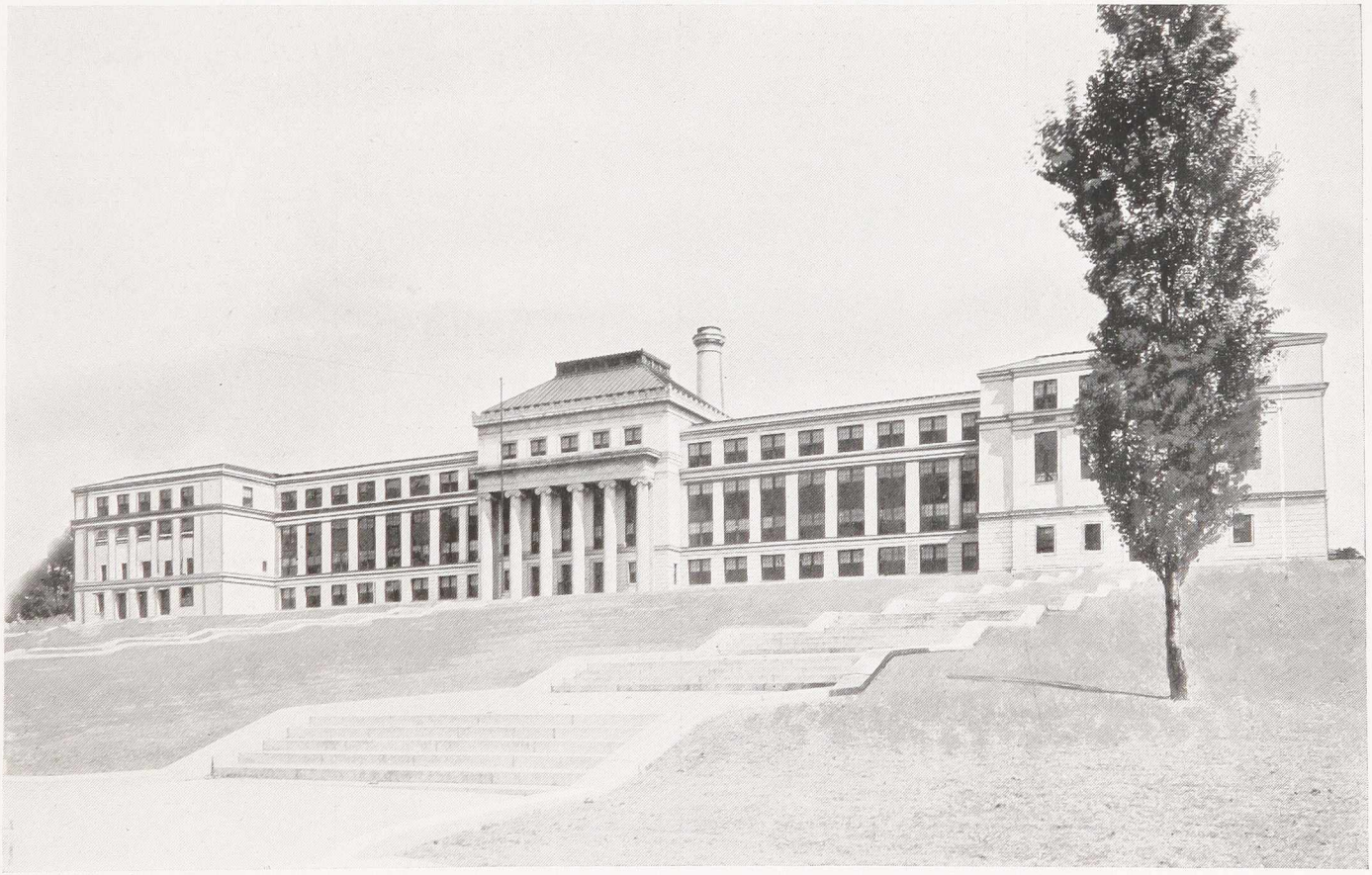


Eastern Hills Y. M. C. A., Cincinnati, Ohio

Illinois Women's Athletic Club, Chicago, Illinois

Swedish Covenant Hospital, Chicago, Illinois

Rock Wall Apartments, Oklahoma City, Oklahoma



Taylor Alderdice High School, Pittsburgh, Pennsylvania

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RO	92630 "	239
RW	92630 "	232
SG	92630 "	231
ST	92630 "	234
TR	92630 "	233
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YT	92630 "	233
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SD	94584 "	237
PV	94584 "	235
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RF	94630 "	236
SD	94630 "	237
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	98670VWK "	458

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BB	Brandenburg	250-354
BD	Baden	238-402
BF	Belfast	244-245
BM	Belmont	282
BT	Bristol	228-284
CA	Cromart	231-252-388
CB	Cambridge	286
CE	Cuesta	246-374
CF	Colfax	244-245
CI	Cadiz	376
CN	Castletown	250-351
CR	Cornwall	233
CT	Cortez	230-262
CW	Conway	288
DC	Dorchester	327
DH	Durham	325
DJ	Dijon	408
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EG	Elgin	228-290
EH	Elkhart	230-264
EM	Exmoor	266
EP	Empire	268
EW	Eastwood	270
EX	Essex	237-249-346
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FL	Franklin	244-245-292
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GA	Granada	251-397
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HK	Haskell	238
HP	Hesper	238
HR	Hillrose	272
LA	Linart	230
LB	Lesbos	364
LC	Lorca	240-367
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LI	Lipari	406
LN	Lino	231-383
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LW	Lowell	251-410
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MF	Mayfair	234-300
MH	Mohawk	276
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NA	Nobart	381
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OH	Oldham	345
PB	Pinebro	231-252-386
PC	Prescott	246-330
PG	Pilgrim	239
PL	Pylon	382
PM	Plymouth	229
PN	Putnam	232
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RL	Raleigh	233
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VN	Vernon	234-348
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CN	Castletown	250-351
	Gothic, German-349	
BB	Brandenburg	250-354
	Gothic, Tudor-349	
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PL	Pylon	382
SG	Sago	231-252-384
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GA	Granada	251-397
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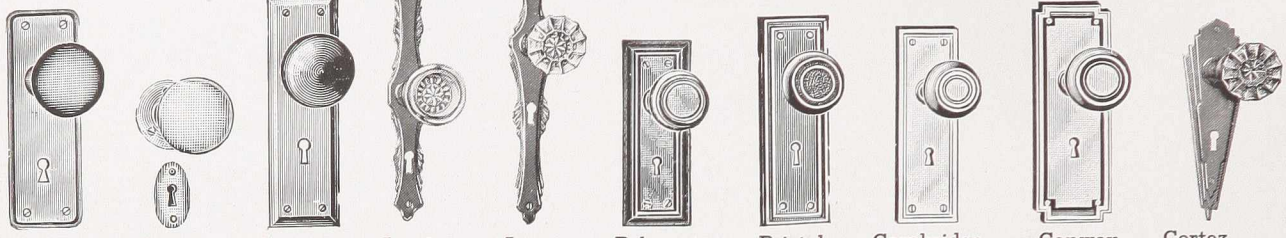

Name	Akron	Alford	Atwood	Austin	Avon	Belmont	Bristol	Cambridge	Conway	Cortez
Symbol	AR	AF	AW	AT	AV	BM	BT	CB	CW	CT
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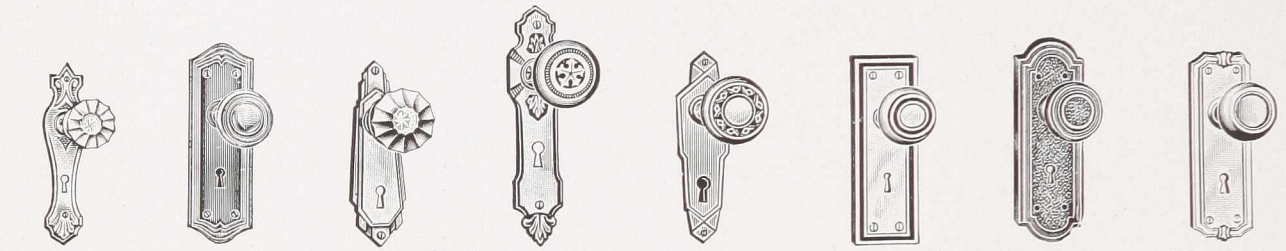

Name	Eastwood	Elgin	Elkhart	Empire	Exmoor	Fairmont	Franklin	Hartford
Symbol	EW	EG	EH	EP	EM	FM	FL	HF
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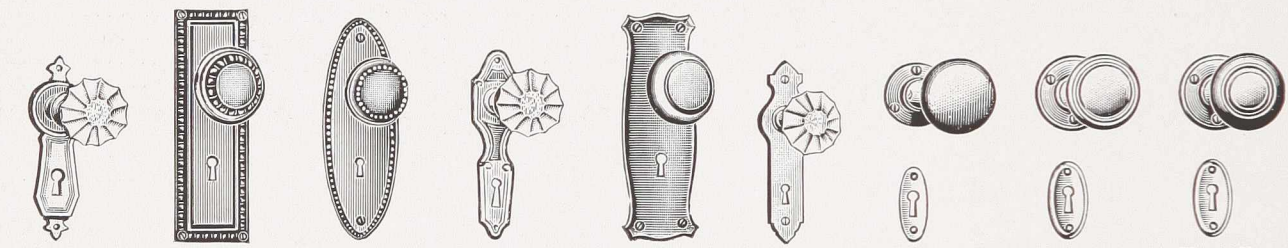

Name	Hillrose	Macon	Madison	Maybrook	Mayfair	Mohawk	Yancey	Yerkes	Yarnell
Symbol	HR	MC	MS	MB	MF	MH	YC	YE	YN
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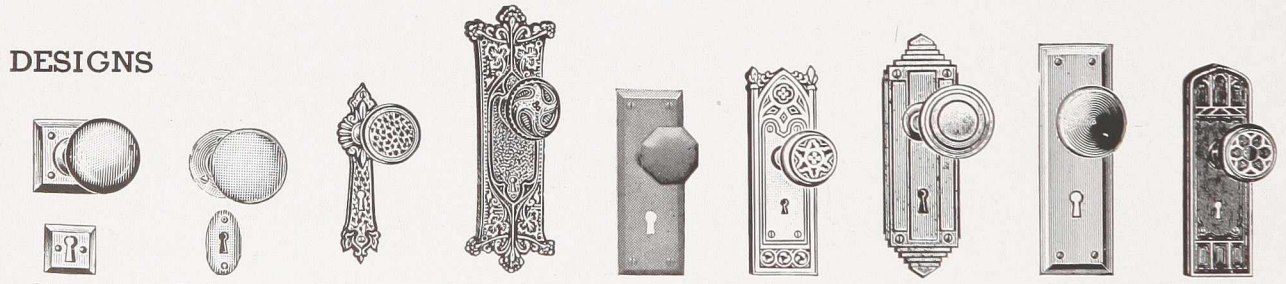

Name	Alpine	Amherst	Baden	Brandenburg	Cadiz	Castletown	Cromart	Cuesta	Dartmoor
Symbol	AP	AH	BD	BB	CI	CN	CA	CE	DM
Period	Mission	Colonial	German Renaissance	German Gothic	Mission	English Gothic	Modern	Mission	Tudor Gothic
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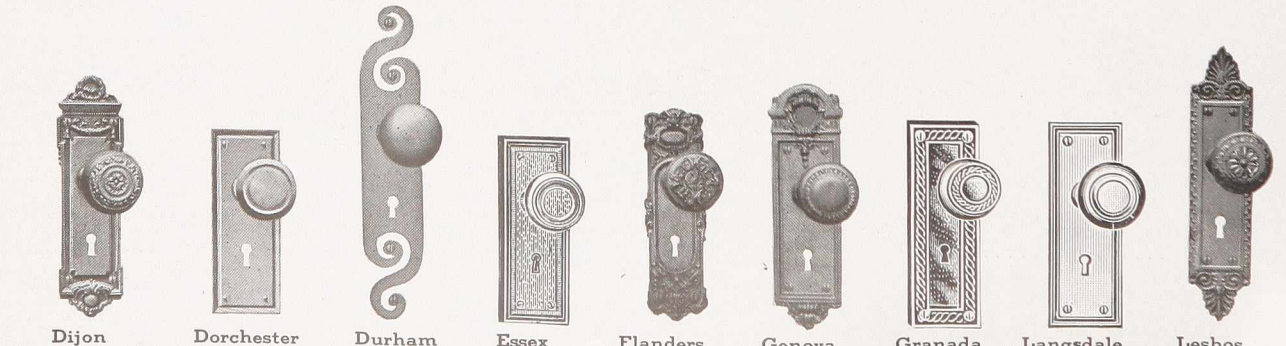

Name	Dijon	Dorchester	Durham	Essex	Flanders	Genova	Granada	Langsdale	Lesbos
Symbol	DJ	DC	DH	EX	FD	GN	GA	LD	LB
Period	Louis XIV	Colonial	Colonial	Georgian	Flemish Renaissance	Italian Renaissance	Moorish	Colonial	Greek
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Name Lipari
Symbol LI
Period Italian Renaissance
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Name Lorca
Symbol LC
Period Mission
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Name Lowell
Symbol LW
Page 410

Name Modisto
Symbol MD
Period Mission
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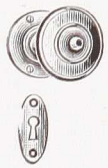

Name Newcastle
Symbol NE
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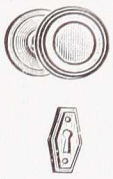

Name Nobart
Symbol NA
Period Modern
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Name Oldham
Symbol OH
Period Georgian
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Name Peru
Symbol PR
Period Mission
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Name Pinebro
Symbol PB
Period Modern
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Period Greek
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Name Richmond
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Name Rionido
Symbol RO
Period Mission
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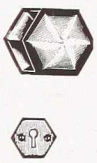

Name Rockwood
Symbol RW
Period Colonial
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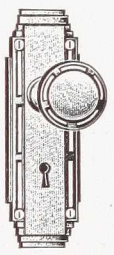

Name Sago
Symbol SG
Period Modern
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Name Salerno
Symbol SN
Period Italian Renaissance
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Name Samos
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Name Sheldon
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Name Yardley
Symbol YL
Period Colonial
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Name Yorktown
Symbol YT
Period Colonial
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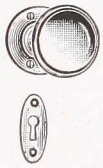

Name Yorkville
Symbol YV
Period Colonial
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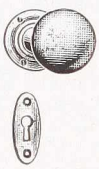

Name Yarmouth
Symbol YM
Period Colonial
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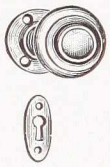

Name Yarrow
Symbol YR
Period Colonial
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FINISHES

Symbol Letter Prefixed to Number Designates the following:

"A" Bright Buffed (polished) Finish.
"D" Dull Finish.
"O" Burnished (friction polished). (Used on miscellaneous items only.)
"C" Course Wheel Finish. (Course ship.)
"F" Fine Wheel Finish. (Fine ship.)
"S" Sanded.
"W" Wrinkled. Sprayed. (Used on night latches only.)
"H" High Parts Bright. (Highlights polished.) (Used on embossed designs of uneven surface.)
"NL" No Lacquer Embossed.
"OR" Oil Rubbed. No Lacquer.
"WX" Waxed. No Lacquer.
"E" Etched (Pompeian). Applied on cast or wrought, bronze or brass metal.

MISCELLANEOUS—Series 1 to 20—Applied on Cast Iron and Wrought Steel

Sager Symbol	Surface	Description	Base Metal	U. S. Symbol
07		Copper Plated, Natural Finish	Burnished	
010	Bright	Japanned		US1B
OD10	Dull	Japanned		US1D
W010	Dull	Japanned, wrinkled		
011		Amber-Bronzed		
17	Dull	Bower-Barff, Genuine (rust-resisting)	Polished	US18
017	Dull	Bower-Barff, Genuine (rust-resisting)	Burnished	
D18	Sanded	Bower-Barff, Imitation; may be applied to bronze, brass, steel or cast iron	Polished	US19
OD18	Sanded	Bower-Barff, Imitation; may be applied to bronze, brass, steel or cast iron	Burnished	
18	Sanded	Black Lacquer	Polished	
018	Sanded	Black Lacquer	Burnished	

Bower-Barff, Genuine, gives best results on cast iron, but can be applied to steel. Bower-Barff Finish is not recommended for exterior application. This finish can be retained by wiping with a cloth slightly oiled.

BRONZE METAL OR BRONZE PLATED—Series 20—Applied on Bronze Metal, Cast Iron or Steel

A20	Bright	Natural Color	Polished	US9
OA20	Bright	Natural Color	Burnished	
D20	Dull	Natural Color	Polished	US10
OD20	Dull	Natural Color	Burnished	
S20	Sanded	Natural Color	Polished	
C20	Wheeled	Natural Color, coarse (ship finish), on bronze metal only	Polished	
F20	Wheeled	Natural Color, fine (ship finish), on bronze metal only	Polished	
D21	Dull	Light-Oxidized and Relieved	Polished	US11
S21	Sanded	Light-Oxidized and Relieved	Polished	US12
OS21	Sanded	Light-Oxidized and Relieved	Burnished	
HS21	Sanded	Light-Oxidized and Relieved, with raised lines bright on ornate designs only	Polished	US13
D23	Dull	Light-Oxidized and Relieved, Oil Rubbed	Polished	
D27	Dull	Dark-Oxidized and Relieved (Old English or aged bronze) on bronze metal only	Polished	
A28	Bright	Natural Color with dark-oxidized background on ornate designs only	Polished	
D28	Dull	Oxidized and Relieved with dark-oxidized background on ornate designs only	Polished	
D29	Dull	Statuary, Medium Color	Polished	US20
DD29	Dull	Statuary, Dark Color	Polished	US20A
S29	Sanded	Statuary, Medium Color	Polished	

BRASS METAL OR BRASS PLATED—Series 30—Applied on Brass Metal, Cast Iron or Steel

A30	Bright	Natural Color	Polished	US3
OA30	Bright	Natural Color	Burnished	
D30	Dull	Natural Color	Polished	US4
OD30	Dull	Natural Color	Burnished	
S30	Sanded	Natural Color	Polished	
C30	Wheeled	Natural Color, coarse (ship finish), on brass metal only	Polished	
F30	Wheeled	Natural Color, fine (ship finish), on brass metal only	Polished	
W30	Dull	Wrinkled	Burnished	
D31	Dull	Light-Oxidized and Relieved	Polished	US5
OD31	Dull	Light-Oxidized and Relieved	Burnished	
S31	Sanded	Light-Oxidized and Relieved	Polished	US6
OS31	Sanded	Light-Oxidized and Relieved	Burnished	
HS31	Sanded	Light-Oxidized and Relieved, with raised lines bright, on ornate designs only	Polished	US7
A32	Bright	Mottled, medium-oxidized	Polished	
OA32	Bright	Mottled, medium-oxidized	Burnished	
S32	Sanded	Mottled, medium-oxidized	Polished	
OS32	Sanded	Mottled, medium-oxidized	Burnished	
A34	Bright	Crystallized, on cast brass metal only	Polished	
D37	Dull	Dark-Oxidized and Relieved (Old English or aged brass) on brass metal only	Polished	
A38	Bright	Natural Color with dark-oxidized background on ornate designs only	Polished	
D38	Dull	Natural Color with dark-oxidized background on ornate designs only	Polished	

For information on Locksets with different finishes on opposite sides, refer to Page No. 38A.
For information on metals and finishes used in the manufacture of Builders Hardware, refer to Page Nos. 42A to 45A.

FINISHES, Cont.

COPPER PLATED—Series 40—Applied on Bronze Metal, Cast Iron or Steel

Sager Symbol	Surface	Description	Base Metal	U. S. Symbol
A42	Bright	Oxidized and Relieved (Antique Copper)	Polished	US8
OA42	Bright	Oxidized and Relieved (Antique Copper)	Burnished	
S42	Sanded	Oxidized and Relieved (Antique Copper)	Polished	
OS42	Sanded	Oxidized and Relieved (Antique Copper)	Burnished	

NICKEL PLATED—Series 50—Applied on Bronze or Brass Metal, Cast Iron or Steel

A50	Bright	Natural Color	Polished	US14
OA50	Bright	Natural Color	Burnished	
D50	Dull	Natural Color	Polished	US15
OD50	Dull	Natural Color	Burnished	
D51	Dull	Light-Oxidized and Relieved	Polished	
OD51	Dull	Light-Oxidized and Relieved	Burnished	
S51	Sanded	Light-Oxidized and Relieved	Polished	US16
OS51	Sanded	Light-Oxidized and Relieved	Burnished	
HS51	Sanded	Light-Oxidized and Relieved, with raised lines bright, on ornate designs only	Polished	US17
A58	Bright	Natural Color, dark-oxidized background, on ornate designs only	Polished	
D58	Dull	Natural Color, dark-oxidized background, on ornate designs only	Polished	

SILVER PLATED—Series 60—Applied on Bronze or Brass Metal Only

A60	Bright	Natural Color	Polished	
D60	Dull	Natural Color	Polished	
S60	Sanded	Natural Color	Polished	
D61	Dull	Light-Oxidized and Relieved	Polished	US23
S61	Sanded	Light-Oxidized and Relieved	Polished	

GOLD PLATED—Series 70—Applied on Bronze or Brass Metal Only

A70	Bright	Natural Color	Polished	
D70	Dull	Natural Color	Polished	US24
S70	Sanded	Natural Color	Polished	
IA70	Bright	Natural Color, imitation	Polished	

VERDE ANTIQUE—Series 80—Applied on Bronze or Brass Metal Only

S81	Sanded	Verde Antique, medium	Polished	US22
HS81	Sanded	Verde Antique, medium, with raised lines bright	Polished	

CADMIUM PLATED—Series 90—Applied on Bronze or Brass Metal, Cast Iron or Steel

A90	Bright	Natural Color	Polished	US2C
OA90	Bright	Natural Color	Burnished	
D90	Dull	Natural Color	Polished	
OD90	Dull	Natural Color	Burnished	
S90	Sanded	Natural Color	Polished	
OS90	Sanded	Natural Color	Burnished	
D98	Dull	Half Polished Iron (Swedish)	Polished	
OD98	Dull	Half Polished Iron (Swedish)	Burnished	
HD99	Dull	Black-Oxidized, with raised lines bright (imitation hammered old iron)	Polished	
OHD99	Dull	Black-Oxidized, with raised lines bright (imitation hammered old iron)	Burnished	

WHITE BRONZE METAL (NICKELINE)—Series 100

A100	Bright	Natural Color	Polished	US25
D100	Dull	Natural Color	Polished	
S100	Sanded	Natural Color	Polished	
D108	Dull	Half Polished Iron (Swedish)	Polished	
HD109	Dull	Black-Oxidized, with raised lines bright (imitation hammered old iron)	Polished	

CHROMIUM PLATED—Series 110—Applied on Bronze or Brass Metal Only

A110	Bright	Natural Color	Polished	US26
D110	Dull	Natural Color	Polished	US26D
A118	Bright	Natural Color, dark-oxidized background, on ornate designs only	Polished	
D118	Dull	Natural Color, dark-oxidized background, on ornate designs only	Polished	

ALUMINUM METAL—Series 120

A120	Bright	Natural Color	Polished	
D120	Dull	Natural Color	Polished	

For information on Locksets with different finishes on opposite sides, refer to Page No. 38A.
For information on metals used in the manufacture of Builders Hardware, refer to Page Nos. 42A to 45A.

COMPARATIVE FINISHES

U. S. Bureau Standards	Description	Sager Lock Works	Barrows Lock Works	Best Universal Lock Co.	Bommer Spring Hinge Co.	Chantrell Hdw. & Tool Co.	Chic'go Spring Hinge Co.	Clinton Lock Co.	P and F Corbin Mfg. Co.	Frantz Mfg. Co.	Griffin Mfg. Co.	Hager & Sons Hinge Co.	Earle Hdw. Mfg. Co.	Yale & Towne Mfg. Co.
USP	Primed for Painting	.....	.....	USP	P	.....	USP	.....	.....	.....	.....	PF	.....	.....
US 1B	Japanned, Bright	O10	O10	US 1B	J	02	US 1B	J	J	J	Jap	J	.....	.....
US 1D	Japanned, Dead Black	OD10	OD10	US 1D	DJ	.....	US 1D	RJ	D	DBJ	DBJap	JD	.....	.....
US 2C	Cadmium Plated	A90	A90	US 2C	G	.....	US 2C	.....	.....	.....	Cad	Cad	.....	.....
US 2G	Galvanized, Electro	O12	O12	US 2G	.....	.....	US 2G	G	G	EGalv	ElGalv	Z	.....	.....
US 2H	Galvanized, Hot	.....	.....	US 2H	.....	05	US 2H	.....	.....	HGalv	.....	G	.....	.....
US 2S	Sherardized	.....	.....	US 2S	.....	.....	US 2S	.....	.....	.....	.....	SH	.....	.....
US 3	Brass, Bright	A30	A30	US 3	A	30	US 3	2	A	BrtB	B	B	PB	AZ10
US 4	Brass, Dull	D30	D30	US 4	DA	37	US 4	12	EA	DB	DBs	DB	DB	AY22
US 5	Brass, Dull, Oxidized and Relieved	D31	D31	US 5	LA	38	US 5	12½	KA	AB	OBs	DBO	DBR	AY21
US 6	Brass, Sanded, Oxidized and Relieved	S31	S31	US 6	SLA	338	US 6	14¼	SKA	DBSS	OBsSB	DBS	SLO	AX28
US 7	Brass, Sanded, Oxidized and Relieved, raised ornamentation polished	HS31	HS31	US 7	.....	339	US 7	14⅝	RKA	.....	.....	DBS	SLOR	AX28½
US 8	Copper, Antique	A42	A42	US 8	MC	24	US 8	5	R	AC	OC	OC	AC	CZ27
US 9	Bronze, Bright	A20	A20	US 9	B	40	US 9	1	B	Bronze	BZE	A	PBZ	BZ10
US10	Bronze, Dull	D20	D20	US10	DB	47	US10	24	DB	DBr'nze	D.BZE	DA	DBZ	BY22
US11	Bronze, Dull, Oxidized and Relieved	D21	D21	US11	LB	48	US11	24½	HB	.....	AntBze	DAO	DBZR	BY21
US12	Bronze, Sanded, Oxidized and Relieved	S21	S21	US12	SLB	448	US12	16¼	SHB	.....	OBzeSB	DAS	.....	BX13
US13	Bronze, Sanded, Oxidized and Relieved, raised ornamentation polished	HS21	HS21	US13	.....	449	US13	16⅝	RHB	.....	.....	DAS	BZSR	BX13½
US14	Nickel Plated, Bright	A50	A50	US14	N	50	US14	8	E	N	NP	N	N	NZ10
US15	Nickel Plated, Dull	D50	D50	US15	DN	57	US15	8½	DE	DN	DNP	DN	DN	NY10
US16	Nickel Plated, Sanded	S51	S51	US16	SLN	558	US16	18¼	SE	NS	NPSB	SN	SN	NX10
US17	Nickel Plated, Sanded, raised ornamentation polished	HS51	HS51	US17	.....	559	US17	18⅝	KE	.....	.....	SN	SNR	NX10½
US18	Rustproof Black	17	17	US18	R	8	US18	19	F	.....	.....	GB	.....	FX80
US19	Dead Black, Sanded	18	18	US19	RI	9	US19	11½	KF	.....	DBE	K	IRP	BX80Bze FX90Steel
US20	Bronze, Statuary	D29	D29	US20	.....	.....	US20	6½	KB	StatB	StatBze	AL	S	BY25
US20A	Bronze, Statuary, Dark	DD29	DD29	US20A	OC	46	US20A	35	LB	.....	.....	ALD	SD	BY65
US21	Bronze, Statuary, Sanded	S29	S29	US21	SOB	.....	US21	.....	SHB	.....	StatBze SB	ALS	.....	BX25
US22	Verde Antique	S81	S81	US22	V	.....	US22	30	V	.....	VerdAnt	V	VA	BX67
US23	Silver Plated, Dull, Oxidized and Relieved	D61	D61	US23	DX	.....	US23	.....	KS	.....	.....	SD	.....	SY52
US24	Gold Plated, Dull	D70	D70	US24	DZ	.....	US24	.....	DG	.....	.....	GD	.....	GY10
US25	Bronze, White	A55	A55	US25	WM	.....	US25	.....	NK	.....	.....	WA	.....	NZ10
US26	Chromium Plated, Bright	A54	A54	US26	H	.....	US26	.....	CR	.....	.....	CHR	CR	DZ10
US26D	Chromium Plated, Dull	D54	D54	US26D	DH	.....	US26D	.....	CR Dull	.....	.....	DChr	DCR	DY10
US Spec	Dull, Light Oxidized and Relieved, oil rubbed	D23	D23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	BY23

COMPARATIVE FINISHES

U. S. Bureau Standards	Lawrence Bros.	Lockwood Mfg. Co.	McKinney Mfg. Co.	National Mfg. Co.	Norwalk Lock Co.	Payson Mfg. Co.	Penn Hdw. Co.	Reading Hdw. Corp.	Oscar C. Rixson Co.	Russell & Erwin Mfg Co.	Sargent and Co.	Schlage Lock Co.	Shelby Spring Hinge Co.	Stanley Works	Vonnegut Hdw. Co.
USP	P	.....	PC	PC	.....	.....	.....	.....	FS	.....	.....	.....	Iron Bze. 10 ..	P	.....
US 1B	J	J	J	Jap	J	.....	J	Jap	.....	.....	.....	.....	12 ..	J	J
US 1D	D	JF	DB	DBJap	DJ	J	DJ	DJ	.....	.....	.....	.....	14 ..	J1	J1
US 2C	Cd	.....	CM	Cad	CA	Z	Cad	.....	.....	.....	.....	.....	18 ..	K	.....
US 2G	G	Z	EG	.....	G	Z	Gal	Galv	FZ	.....	.....	US 2	.. ..	.....	.....
US 2H	HG	.....	G	Galv	.....	.....	.....	.....	.....	.....	.....	.....	.. ..	R	G
US 2S	.....	.....	S	Sher	.....	.....	.....	.....	.....	.....	.....	.....	.. ..	Z	.....
US 3	BB	13½	BP	BrtB	IB	B	BB	31	AP	10	B	US 3	22 23	C	10
US 4	DB	13	OB	DullB	K	G	DB	37	A1P	9	OB	US 4	26 27	F	9
US 5	.....	43	XB	.....	K3	.....	DBR	371	A6P	9C	OE	US 5	.. ..	F4	9C
US 6	DBSS	51	XBS	ABS BNS	HK3	TW	SB	33	A6PS	O9C	RD	US 6	36 37	SF4	O9C
US 7	.....	45	.....	.....	HK3L	.....	SB9	333	.....	O9B	R7D	US 7	.....	.....	O9B
US 8	OC	7½	AC	AC	O	AC	AC	24	A12P	7½	AB	US 8	24 25	OC	7½
US 9	BZ	1	B	BRZT	1	R	BBZ	1	BP	11	P	US 9	20 21	A	11
US10	DBz	34	DE	Dull Bze	DB	DR	DBZ	7	B1P	11D	OP	US10	30 31	A5	11D
US11	DBzR	23	DX	.....	DB3	H	DBZR	221	B8P	11C	O6P	US11	.. ..	A4	11C
US12	.....	36½	DXS	.....	HDB3	HW	SBZ	223	B8PS	O11C	RP	US12	.. ..	SA4	O11C
US13	.....	36	.....	.....	HDBL	.....	SBZ9	225	.....	.....	R8P	US13	.. ..	.....	O11B
US14	N	5	N	Nick	NP	N	BN	80	B14P	4	N	US14	32 33	N	4
US15	DN	90	ND	Dull Nick	DN	DN	DN	77	B15	14	LN	US15	40 41	N5	14
US16	DNS	5S	NS	Nick SB	HNP	NW	SN	78	B15S	.....	RN	US16	38 39	SN	04
US17	.....	5½	.....	.....	HNPL	.....	SN9	781	.....	.....	R7N	US17	.. ..	.....	.....
US18	.....	31	BB	.....	RI	V	RP	87	F3	46	BB	.....	.. ..	G	46
US19	DE	6	EDB	EBB	HN	F	IRP	87½	B13S F13S	47	BN	US19	.. ..	H	.....
US20	.....	38	YL	LtStatBze	H2	I	BBZ4	222	B9P	2	A	US20	34 35	B	2
US20A	StB	2	YM	Dark Stat Bze	2D	ID	BBZ6	2	B10P	2D	A3B	.....	.. ..	B1	2D
US21	.....	38S	YLS	Stat Bze SB	H2	IW	SBZ4	223D	B9PS	O2	RA	US21	.. ..	SB	O2
US22	.....	85	V	.....	VA	U	V	90	B16PS	36	VA	US22	.. ..	V	36
US23	.....	72	PX	.....	BS	S	DSR	49	B32PS	8C	LS	US23	.. ..	E4	8C
US24	.....	80	DG	.....	T	AU	DG	57	B34PS	19	G	.....	.. ..	.....	19
US25	.....	95	W	.....	NM	SSO	White Bronze	Nickolene	.....	44	EM	.....	.. ..	NM	.....
US26	CHR	.....	C	.....	CP	CH	BCH	CP	B19P	24	CM	.....	46 47	CM	.....
US26D	.....	.....	CD	.....	DCP	.....	DCH	DCP	B19PS	34	DCM	.....	.. ..	CMD	.....
US Spec	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	O3P	.....	.. ..	.....	.....

LOCK SECURITY

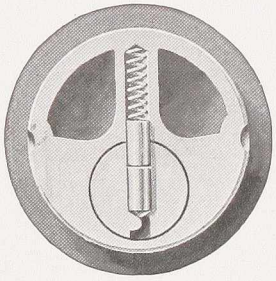


Fig. 1
Position of Pin Tumblers when Key is withdrawn.

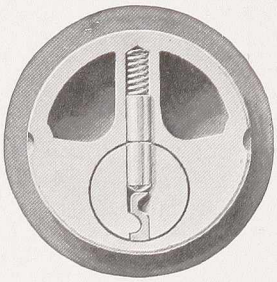


Fig. 2
Position of Pin Tumblers when Key is inserted.

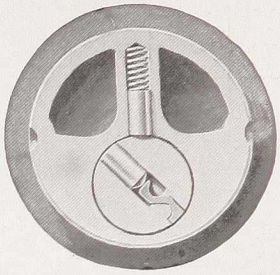
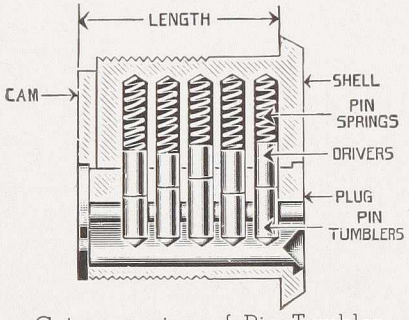
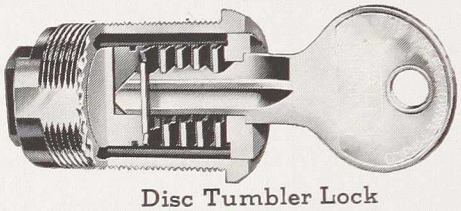


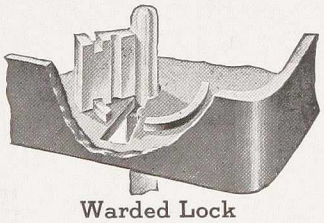
Fig. 3
Key inserted aligning Pin Tumblers, permitting Plug to revolve.



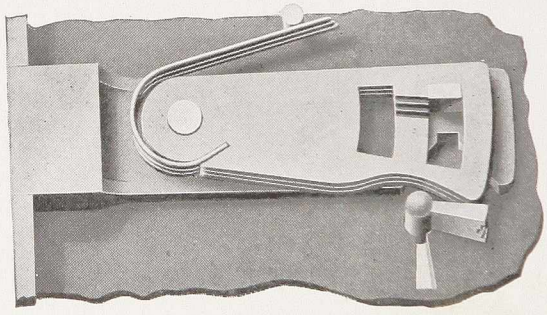
Cut open view of Pin Tumbler Cylinder with Key withdrawn



Disc Tumbler Lock



Warded Lock



Lever-Tumbler Lock

The protection desired determines the type of locking mechanism required. When a lock is purchased, security against lock picking, interchange of keys and strength should be considered. The general appearance of a lock does not indicate the protection it affords, as there are many locks which have the appearance of being strong and secure but which have very limited security due to lack of locking mechanism. Such a lock is easy to pick as a result of the limited possibility of key changes.

The standard **Pin Tumbler Cylinder** is constructed of a 1⅛-inch diameter brass cylindrical **Shell** threaded, to screw into a lock, or with a bar, usually flat, to insert into a night latch. The **Shell** is drilled eccentrically to receive a cylindrical rotating, precision fitting **Plug.** Both the **Shell** and **Plug** have chambers drilled in perfect alignment. The shell chambers contain the **Springs**, **Follower Pins** (drivers) and **Pin Tumblers** which are forced into the **Plug** chambers by the springs. A perfect fitting key, cut so as to align the **Pin Tumblers** and the **Follower Pins** with the intersection of the shell and plug must be inserted in the **Plug** to rotage the **Plug.** The **Cam** or bar at end of plug rotates and operates the lock mechanism. The length of the cylinder is determined by the thickness of the door and the lock trimming. The key remains the same length for all cylinders. The **Pin** tumbler cylinders are practically unlimited as to the number of different key changes possible. Therefore duplications are

LOCK SECURITY, Continued

almost impossible, so that this is the most difficult type of lock to pick. **Do not use oil** in pin tumbler cylinder. If key or plug does not operate freely use graphite.

The **Disc Tumbler Cylinder** is identical in appearance with the pin tumbler cylinder and has the same construction and operation, but instead of having pin tumblers, it has a number of flat disc tumblers which permit only a limited amount of key changes and reasonable security. Can be master-keyed in a limited number of changes.

Lever Tumblers (secure lever). One or more flat pieces of steel with different variations of lengths of lips in center of opening, which must correspond to bittings of cuts of a key which aligns the tumblers, permitting the sliding of the bolt or latch. One tumbler locks offer very limited security, while three or more tumblers offer security almost equal to the pin tumbler.

Warded Locks have fixed wards or ribs cast in lockcase, which stop the rotating of a key unless it is grooved so as to pass the wards. Warded locks offer a very limited security and should not be selected for security or special key work.

LOCK PICKING

You probably have read a good deal about lock picking in stories and newspaper accounts of burglaries, and have wondered what security you can have against such form of entry. There is a great deal of misconception on this subject. No lock having a keyhole has ever been invented that is absolutely proof against picking, but lack of protection may be minimized by the proper selection of High Grade Locks.

Locks of the warded type, previously described herein, can be picked with the simplest tools and with little skill. They are useful in some places where the danger of picking is remote, but they afford little real security, especially in view of their limited number of key changes and the resulting liability of their being opened by keys of other locks and by skeleton keys.

Disc-tumbler locks can be made difficult to pick, although if not carefully constructed they are easily opened with simple tools. They do not have great capacity for key changes, which means that interchange of keys is also likely.

Lever-tumbler locks of the better grades are very secure against picking, their resistance to it depending upon their construction and number of tumblers. The difficulty of picking them increases greatly with the increase in the number of tumblers. However, in this type also the possibility of being opened by other keys exists.

An extremely high degree of security against picking is attained in the pin-tumbler lock. The difficulties of picking this lock are greatly increased by the irregular design of the keyway. This characteristic of the higher grade pin-tumbler locks makes the use of picking tools extremely difficult and makes this lock unpickable except by the most skilled expert equipped with special and very delicate tools.

For the protection of your home or other valuable property use pin-tumbler locks.

INSTRUCTIONS FOR ORDERING

Prompt shipment of orders, correctly filled, is the desire of both the customer and the Sager Lock Works and this can be accomplished if complete detailed information accompanies the order.

We have established set numbers on all popular combinations of Locksets making it necessary to consider only the finish and keying information.

Where Locksets required are not listed in complete set numbers, it is advisable to give all numbers of lock and trim. Where customers have own numbering system, their number should be given with our number following.

The principal difficulty occurs on orders for hardware to be used on contracts because of insufficient information or details which necessitate correspondence and delay.

Changing an order after it has been started in process of manufacture involves considerable time, trouble and serious delay, as many items must be manufactured completely from the beginning on account of special finish, hands, bevels, etc. This is another reason for our desiring complete information with the order.

Important information required before order can be entered:

Name of owner, building and location (for future reference if additional hardware is required).
Keying instructions. Clear enumeration of to what master-keys the locks are to be subject.
Thickness of doors. Hand of doors or locks. Height of doors where Cremone Bolts are specified.
Width of doors and stiles where push and pull bars and kick plates are specified.
Types of strikes required for Cremone Bolts, surface bolts and casement fasteners.
Type of lock front, whether flat, beveled or rabbeted.
Special backsets of locks.
Sizes of escutcheons, push plates, door pulls, etc., with vertical dimensions given first.
If special strikes for locks are required give length of lip.
Length of casement adjusters, bolts, transom chains, transom lifters, etc.
Special conditions requiring actual details.

When placing orders specify as follows:

Item No.	Quantity	Unit	Number	Description	Finish
1	5	Only	AW167C	Locksets	D30
2	10	Doz.	AW01250	Locksets	D30
3	2	Gro.	04201	Sash Lifts	D30

If Locksets do not carry a set number give all part numbers to complete the set.

Lock number x keying instructions x hand (if required) x length of cylinder or thickness of door x strike (if special) x outside knob or handle x outside escutcheon x inside knob or handle x inside escutcheon x finish (specifying outside finish symbol first).

e. g. 1 Set 670 MK.RH—1¾ in. door x Type F protected strike x ½PR CE102½ x 1/CE18 x ½PR CE102¼ x 1/CE30T Lockset finish 17 x D31.

SPLIT FINISH LOCKSETS FOR DOORS OPENING IN

When Locksets are ordered in split finishes, the outside finish symbol is specified first and the inside finish symbol secondly. The lock front and strike will be finished the same as the **second** finish symbol, which is the inside trim finish.

If doors open out, specify "Reverse Bevel." Lock and strike will be finished the same as the outside trim.

EXAMPLES

Handle Front Door Locksets

1 Set SB92630 Lockset Finish A110 x D30.
The outside trim and cylinder will be Finish A110 (polished chrome).
The inside trim, lock front and strike will be Finish D30 (dull brass).

Knob Front Door Locksets

1 Set AW167C Lockset Finish D30 x A50
The outside trim and cylinder will be Finish D30 (dull brass).
The inside trim, lock front and strike will be Finish A50 (polished nickel).

Inside Lockset

1 Set AW126C Lockset Finish D18 x D30
Trim on one side will be D18 (imitation Bower-Barff).
Trim on other side will be D30 (dull brass).
The lock and strike will take the second finish symbol D30 (dull brass).

Bathroom Lockset Complete

1 Set AW146 Lockset Finish D30 x A50.
The outside trim will be D30 (dull brass).
The inside trim, lock front and strike will be A50 (polished nickel).

INSTRUCTIONS FOR ORDERING, Cont.

SUBSTITUTION OF LOCKS

When a different lock is wanted than the one listed in complete set numbers, substitute the last three numbers of the former for those of the latter but be sure the escutcheon is large enough for spacing.

1 Set PF84584 Lockset Finish D30. The No. 584 lock is a two-cylinder store door lock.
A lock with a one-inch throw dead bolt is wanted, which is Lock No. 585; so change number to
1 Set PF84585 Lockset Finish D30.

ESCUTCHEONS ONLY

When ordering escutcheons only it is necessary to give the number of the lock they are to fit or to give the spacing.

HOTEL LOCKS

1 Set 515GMK (See Key Instructions at beginning of schedule) x strike (give length of lip) x outside trim x inside trim x finish.

KNOBS

All Locksets except commercial large escutcheon sets are packed with Model C knob mounting (page 117). If other mountings are required, they must be specified by suffixing to the knob numbers the letter symbol for the mounting desired.

1 Pr. 2142¼ Mod. B. Knobs. Finish D30.

PUSH PLATES AND DOOR PULLS

Specify size of plates (giving vertical dimension first) x finish.

If different type of grip than that listed on door pulls is required, give symbol of design x number of grip. If push plates or door pulls are specified cut for cylinder, or key hole, give distance from top of plate to center of cylinder or bit keyhole.

PUSH BARS AND PULL BARS

Specify length from center to center of bar base or give width of door and width of stiles. Also specify the type of application, whether by machine screws through the door or wood screws. If to be attached with machine screws, give thickness of door.

KICK PLATES

Kick plates applied on exterior side of door opening in or stop side must be measured, with deduction of one-half inch from each end on account of the stops. If kick plate is also applied on interior side do not allow for stops. For pairs of doors and double acting doors, the astragel or rounded stile must be taken Specify guage of metal required.

CREMONE BOLTS

When specifying Cremone Bolts always give the length (or height) of door and the type of strike required; also the height of the operating lever, or knob, from the floor, which is usually forty-two inches unless the handle must be in line with other hardware trim in the same room. If Cremone Bolt is operated from both sides, give thickness of door. If lever handles are handed, specify right or left hand, taking hand from inside.

SURFACE BOLTS

Specify type of strike.

EXIT BOLTS

All details covering doors and jambs must be given. Refer to Page No. 431.

DOOR CLOSER BRACKETS

Any unusual curve of door jamb header which illustrated brackets will not fit makes it necessary to furnish full sized detail. If not available, take sheet of paper, hold against the header casing and cut. This will give an accurate template of the curve.

TURN KNOBS AND MORTISE LATCH KNOBS

When ordering turn knobs or mortise latch knobs, specify whether a 3/16-inch, 5/16-inch or flat spindle is required.

HAND AND BEVEL OF DOORS

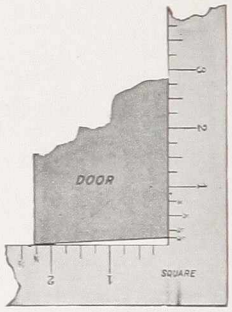
A lock indicated in this catalog as "reversible," may be used on doors of either hand, except when the edge of the door is beveled. In that event both the **hand** and the **bevel** must be specified. In all cases it is best, however, to specify the hand of a lock, in accordance with the diagrams shown on the opposite page.

RULES

1. The hand of a door is always determined from the **outside** (except on French doors and casement sash on which cremone bolts or casement fasteners are used, when the hand is taken from the inside).
2. The "outside" of an exterior door is the street or entrance side.
3. The "outside" of an auditorium door is the corridor or hall side.
4. The "outside" of a room door is the corridor or hall side.
5. The "outside" of a closet door is the room, corridor or hall side.
6. The "outside" of a bathroom door between a corridor or hall is the side from which the butts are invisible when the door is closed.
7. The "outside" of a single communicating door is the side from which the butts are invisible when the door is closed.
8. The "outside" of twin communicating doors is the space between the two doors. A sliding elevator door hand is taken from the inside, or elevator side, and is determined by which way the door slides. If it slides to the right it is a right hand; if to the left it is a left hand.

BEVELED EDGE DOORS

The lock stile (rail) of a door may be furnished with a beveled edge, in order to make the door fit more closely. The lock must have a beveled front to conform to the bevel of the door. The bevel can be determined by using a square on the edge of the door and the difference in the measurement between the outside edge and the inside edge determines the bevel, which is usually ⅛ inch on 2 inches. The use of beveled front locks should be avoided if possible, as they must be made to special order and the hand must be given, as they are not reversible.

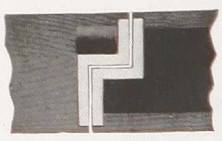


REVERSIBLE LATCH BOLTS

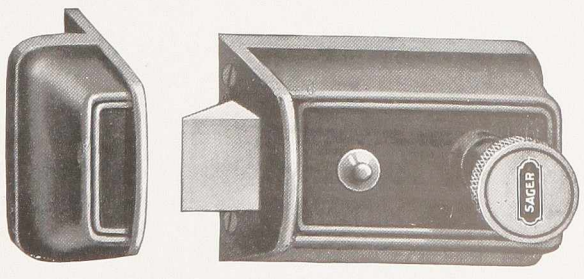
Mortise locks usually are manufactured with reversible latch bolts which can be turned over by removing lock cap, which adapts them for use in either right or left hand doors. If locks are equipped with stop works (night works) it is also necessary to reverse the night work mechanism. The term "Reverse Bevel Latch Bolt" is involved only where the locks are not reversible.

RABBETED FRONT LOCK

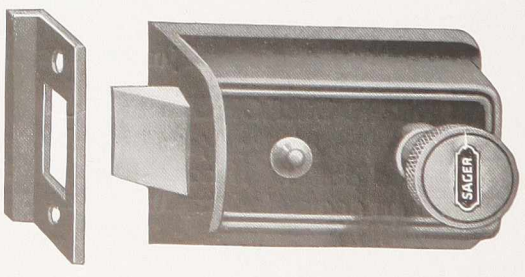
Mortise locks used on doors having rabbeted edges require lock fronts corresponding to the door rabbet. A rabbeted door should have a standard rabbet of one-half inch, otherwise it is necessary to make special patterns at extra cost.



Mortise locks, whether regular or reverse bevel latch bolts, use the same strike. Rim locks use different strikes for regular and reverse bevel bolts. See cuts below.



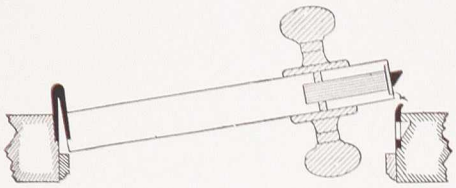
Door, opening **inward**, requires **regular** bevel bolt and strike.



Door, opening **outward**, requires **reverse** bevel bolt and strike.

HANDS OF DOORS

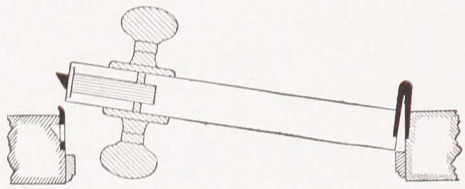
MORTISE LOCKS



Left hand, regular

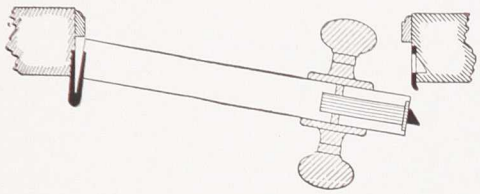
Viewed from outside, if hinged on left and opening in, it is a left hand door. A lock with a regular bevel latch bolt is used.

The mortise locks in this catalog designated as reversible can be applied on any of these doors.



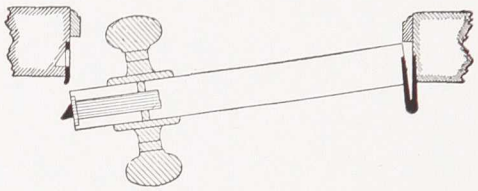
Right hand, regular

Viewed from outside, if hinged on right and opening in, it is a right hand door. A lock with a regular bevel latch bolt is used.



Left hand, reverse

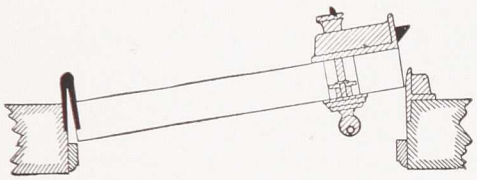
Viewed from outside, if hinged on left and opening out, it is a left hand reverse door. A lock with a reverse bevel latch bolt is used.



Right hand, reverse

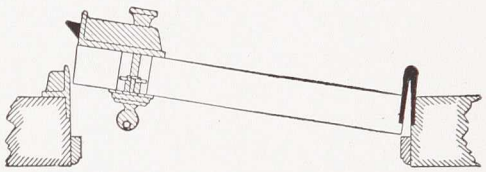
Viewed from outside, if hinged on right and opening out, it is a right hand reverse door. A lock with a reverse bevel latch bolt is used.

RIM LOCKS

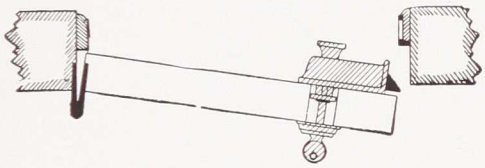


Left hand, regular

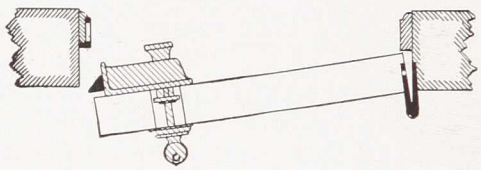
Rim locks in this catalog designated as reversible can be applied on any of these doors.



Right hand, regular

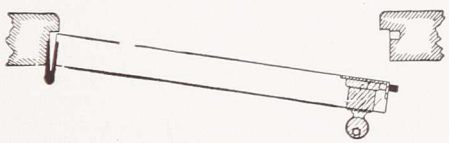


Left hand, reverse

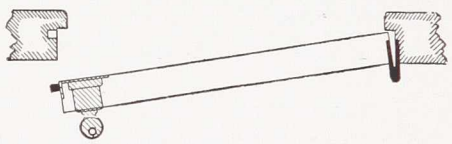


Right hand, reverse

CUPBOARD AND BOOKCASE LOCKS



Hinged on left, left hand

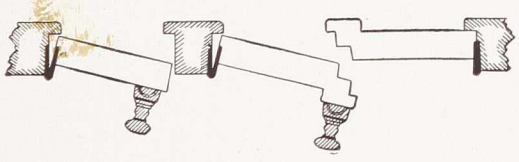


Hinged on right, right hand

Book-case and Cupboard Doors always open out, and as the locks are regularly made with reverse bevel latch bolts it is not necessary to specify "Reverse Bevel."

CASEMENT WINDOWS

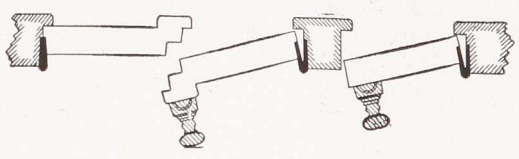
Left hand, opening in



Single, opening in **Pair, opening in**

Opening out follow same rule.

Right hand, opening in



Pair, opening in **Single, opening in**

Casement windows are handed from inside and it is necessary to state whether they "open in" or "open out."

METALS USED IN BUILDERS HARDWARE

Many different metals and their alloys are used in the fabrication of builders' hardware, either structurally or as a protective covering or finish coating.

No attempt will be made here to list all of the metals so employed, but the principal ones are as follows:

Brass is yellowish in color and is fundamentally an alloy of copper and zinc, although for many purposes lead and tin, and sometimes other metallic elements, are also added. There are many different formulas for brass, depending upon the purpose for which it is to be used, the copper content usually running from 60% to 75%, the zinc content from 25% to 35% and the other elements from nothing to an aggregate of 4½%.

Brass may be either melted and poured into molds, thus forming cast brass articles, or may be rolled into sheets from which "stamped" articles are formed in presses equipped with dies for the purpose.

Brass is very durable, readily machinable, takes a beautiful finish and makes an excellent base for plated finishes.

Most hardware manufacturers operate brass foundries for molding brass castings. Rolled sheet brass, however, is purchased in strips or coils from mills usually owned and operated by others.

Bronze is reddish in color and is fundamentally an alloy of copper and tin, although in practically all commercial bronzes zinc and lead, and sometimes nickel and other metallic elements are also added, depending upon the color, machinability, toughness or hardness required.

There are many different formulas for bronze, the copper content usually varying from 80% to more than 90%, the tin content from 2% to 11% and the aggregate of the lead, zinc, and other ingredients from 3% to 10%. One common formula is copper 85%, tin 5%, lead 5% and zinc 5%; the bronze for items used as builders' hardware finishing trim usually has a copper content of approximately 90%.

Bronze, like brass, may be melted and poured into molds to form bronze castings or may be rolled into sheets from which bronze stampings are fabricated.

Bronze is very durable, takes a beautiful finish and makes an excellent base for plated finishes.

Most hardware manufacturers operate foundries for molding bronze castings. Rolled sheet bronze, however, is purchased in strips or coils from mills usually owned and operated by others.

Refer to Page No. 43A for article on "White Bronze".

Brass vs. Bronze—Technically speaking, brass is basically an alloy of copper and zinc, and bronze an alloy of copper and tin. Commercially, however, the principal difference between them is the copper and zinc content. Yellow brass contains less copper and more zinc than commercial bronze, which accounts for the difference in color. The greater percentage of copper in bronze produces the reddish color; the greater the copper content the more pronounced the red color.

For some mechanical parts which are subject to excessive strain or wear, bronze is preferable to brass. For other purposes in connection with builders' hardware, however, the only practical difference is that of color. Our tests indicate that in practise they are equally good as an underlying base for plated finishes.

For these reasons brass is sometimes commercially referred to as yellow bronze, and where bronze metal is listed in the pages of this catalog as the metal from which various parts are made, either brass or bronze may be actually employed.

The term "Bronze" includes both brass and bronze, and in commercial practise in the builders' hardware industry it is customary to differentiate between them only in so far as color is concerned.

Cadmium is a rather soft, white, crystalline, metallic element similar in appearance to tin. It is whiter than nickel but less so than silver. It is found in nature in conjunction with several minerals, and compounds of cadmium frequently occur associated with zinc ore.

It is not employed as a structural part of builders' hardware items, but is used as a protective coating over other metals, electrolytically deposited. Refer to Page No. 44A for article on Cadmium Plating.

Chromium is a hard, tin-white, metallic element occurring in nature only in combination with other elements. The principal ore is chrome-iron ore which contains about 68% of chromic oxide, the metal being obtained by the reduction of this oxide with aluminum.

Chromium is used for many purposes, notably in the manufacture of hard steels and stainless steels and also in compounding dyes and pigments. In builders' hardware products, however, it is used principally as an electroplated finish coating over other metals. When properly so applied it produces a hard, durable, rich, tin-white finish that is becoming increasingly popular and in commercial demand is rapidly replacing nickel finishes on many hardware items.

Also refer to Page No. 44A for article on Chromium Plating.

Copper is a tough, ductile, metallic element, reddish in color, deriving its name from the island of Cypress, where it was mined extensively. It is mined in nearly all countries, especially in North and South America, and large ore deposits are found in this country in several of the Rocky Mountain states and in upper Michigan.

After the many operations of smelting and refining the ores, commercial copper is molded into different shapes to meet the special requirements of each industry using the metal. These shapes are known as "square cake", "round cake", "billet", "slab", "wire bar", "ingot bar" and "ingot", the "ingot", weighing approximately 25 lbs., being the form commonly melted in brass foundry crucibles.

Copper is available in several grades, but the grades commercially known as "Lake" copper and "Electrolytic" copper are predominantly used by manufacturers of high quality builders hardware. Lake copper is mined in the Lake Superior district of upper Michigan. Electrolytic copper is refined by the electrolytic process and its purity runs from 99.93% upwards.

In the manufacture of builders' hardware, ingot copper is alloyed with other metals to make brass, bronze, white bronze, etc., for casting purposes. Copper is also the largest single ingredient in sheet brass and sheet bronze from which "wrought" hardware articles are stamped. Specially shaped copper bars, plates, etc., are used for anodes in copper plating and copper-containing chemicals are used in copper plating solutions.

Iron, the most useful and one of the most abundant of the metallic elements, is derived principally from ores which are chiefly oxides and carbonates. When pure it is silvery-white and very tenacious, malleable and ductile. Commercially it is never pure but combined with carbon, phosphorous, silicon, sulphur, etc., with which it forms important alloys. Steel, in all its classifications, is a compound of iron, carbon and other elements, principally iron.

Iron, aside from that contained in steel, is used in builders' hardware principally in the form of Gray Iron Castings and Malleable Iron Castings.

METALS, Con't.

Gray Iron Castings contain a relatively large percentage of graphitic carbon. They are strong and comparatively light, but somewhat brittle unless carefully annealed.

In connection with builders' hardware, Gray Iron is admirably suitable for castings of many of the component parts of lock mechanisms, lock cases, some knobs and escutcheon plates, and quite a few items of so-called miscellaneous hardware.

Malleable Iron Castings are iron castings that have been rendered tough and malleable by long-continued high heating while imbedded in hematite, ferric oxide, or some other decarbonizing material, and allowed to cool slowly. In builders' hardware, Malleable Iron Castings are used where iron is desirable for certain parts that should be tougher and stronger than if made of gray iron.

Lead is a soft, heavy, inelastic, malleable, ductile, bluish-gray metallic element. It is found in some 60 different ores, only three of which are of importance, and frequently occurs in combination with silver. Lead ores occur principally in Great Britain, Germany, Spain and the United States. After smelting, lead is molded into "pigs" weighing approximately 100 lbs. or ingots of about 25 lbs. for convenience in handling.

Lead has a great many uses in many industries. In the production of builders' hardware its principal use is as an ingredient in copper alloys such as brass and bronze.

Nickel is a hard, malleable, ductile, silver-white, lustrous, metallic element almost always found associated with cobalt. The largest and really only commercial deposits of nickel are those of New Caledonia, a French possession in the Pacific Ocean; at Sudbury, Ontario, Canada; and in Norway; although lesser deposits occur in Saxony and elsewhere.

Commercial nickel is smelted and refined principally from three types of ores, namely, the sulphides of Ontario and Norway, the silicates and oxidized ores of New Caledonia, and arsenical ores of Ontario and Saxony.

Nickel appears in the market in many forms, depending upon the commercial requirements for its use. Among many other uses, it is extensively employed as an ingredient in the alloying of nickel-steel, stainless steel, white bronze, etc., and as a nickel-plated finish for a wide variety of articles.

In builders' hardware, nickel "blocks" or "shot" is alloyed with copper and other metals to produce bronze and white bronze. Nickel anodes, usually in the form of bars, are used in nickel-plating; and nickel salts are an ingredient of nickel-plating solutions.

Refer to the article on "White Bronze" elsewhere on this page and to Page No. 45A for Nickel Plating.

Nickeline—Same as "White Bronze".

Spelter is a commercial term for Zinc. Refer to "Zinc" elsewhere on this Page.

Steel is merely alloyed iron. The total amount of alloyed substances may be incredibly small and yet produce the most profound changes in the character of the iron. Steel is harder and much more elastic than cast iron.

Its many varieties are classified according to: (1) the presence or absence of slag, as, "slagless" steel or "slag-bearing" steel; (2) the carbon content; as, "decarbonized" steel, "low carbon" steel, "mild" steel, "medium-carbon" steel and "high carbon" steel; (3) their alloys; as, "chrome" steel, "manganese" steel, etc., and (4) the method or process of manufacture; as, "basic" steel, "Bessemer" steel, "crucible" steel, "open-hearth" steel, etc.

Steel is used for innumerable purposes and in many forms. In builders' hardware products the principal types used are Cold Rolled Strip Steel and Cold Drawn Rods.

Cold Rolled Strip Steel, as used for builders' hardware, is a steel of proper analysis for the intended uses, that is rolled into thin sheets of predetermined thickness and smoothness of surface, and from which stampings are produced. This steel is purchased in coiled form or in strips cut to various lengths, and comes in a variety of tempers or degrees of hardness to suit every purpose. Some builders' hardware items, such as lock tumblers, are made of a relatively hard cold rolled steel; and others that require embossing or deep drawing operations, such as door knobs, some designs of escutcheons plates, etc., are made of a softer steel that can be readily embossed or drawn into shapes on presses equipped with dies for the purpose.

Cold Drawn Steel Rods are made in a wide variety of shapes by extruding steel of proper analysis through a series of drawing dies. In builders' hardware, square cold drawn rod or wire is used for knob spindles, round rods in extension bolts, etc.

Tin is a white, malleable, crystalline, lustrous, metallic element rarely occurring native, but most always in combination with other elements. The principal ore is the oxide casseterite, which is always associated with granitic rocks. In workable quantities tin ores are found principally in Australia, Bolivia, China, Cornwall, Dutch East Indies and in the Malay peninsula.

After the smelting and purifying processes, tin is commercially used for a wide variety of purposes, such as for tin plate, solders, tin-foil, bearing metals, lining for cooking extensils, etc. Though rather soft itself, tin possesses the remarkable property of imparting to certain alloys a high degree of hardness. It is used in the manufacture of builders' hardware products chiefly as one of the ingredients of red bronze and white bronze.

White Bronze is an alloy of copper, nickel and zinc, to which other metals are sometimes added for special purposes. The term "White Bronze" embraces a variety of copper-nickel alloys of different analyses and known by many names, such as "nickel silver", "nickeline", "nickel-bronze", "German silver", etc. "Monel metal" contains approximately 67% nickel, 28% copper, and 5% other metals, chiefly iron, manganese and silicon.

Commercial white bronze is very hard and tough and is white with a yellowish cast. It is used for many purposes. In builders' hardware it is used for white bronze castings; and because of its qualities of hardness and toughness "nickel silver" is the metal from which keys for high grade cylinder locks are made.

Zinc is a bluish-white metallic element known to the trade as "spelter". It is found in many countries and usually occurs in combination with lead and silver. Most of the metal is recovered from "blende", the sulphide ore; although a good deal comes from the silicate and carbonate ores.

After the smelting and refining operations, spelter (zinc) is molded into slabs weighing about 50 lbs. for convenience in commercial handling. It is extensively used in the arts, as in the manufacture of brass, as the positive element in electric batteries, in the manufacture of galvanized sheets for roofing, etc.; and salts of the metal have varied uses, as the oxide in painting, and the chlorid and sulfate in medicine.

In the builders' hardware industry it is employed principally in the manufacture of the alloys known as brass and bronze; and is also used as a plated protective coating for iron and steel, electrolytically deposited. Refer to Page No. 45A for article on Zinc Plating.

FINISHES—HOW PRODUCED

Durability of Finishes—No finish on metal is absolutely permanent, each being subject to gradual deterioration by natural atmospheric oxidation and other factors. Some finishes, however, are more durable than others.

The most durable finishes for builders' hardware are those produced on solid brass, bronze or white bronze in the natural color of the metal, not plated. In this classification would fall the Oil Finishes, Wax Finishes and plain unlacquered Buffed Finishes produced on solid, non-ferrous metals. This plain unlacquered finish naturally tarnishes rather rapidly after installation; consequently it should be hand polished at intervals to preserve its natural color and lustre or left unpolished if it is desired to permit natural aging of the finish. Bower Barff is also a very durable finish if not unduly exposed to the elements.

Plated finishes are satisfactory for interior use if not subject to excessive handling or wear, but few such finishes are suitable for exterior use. Good quality chromium plating on a non-ferrous base, however, will give excellent service on exterior hardware trim.

Finishes plated on steel or iron are the least durable of all, due to the nature of the underlying metal which is subject to relatively rapid oxidation and corrosion.

Listed below are the principal finishes used on builders' hardware and a brief description of how these finishes are produced.

Antique Copper—The article is copper plated, then oxidized and the oxidation brushed off in spots, by means of buffing wheels treated with a fine abrasive. The items are then cleaned and lacquered. Also refer to Page No. 45A for article on "Relieved Finishes".

Bower-Barff is a black rust-resisting finish applied to steel and cast iron only and is not applicable to non-ferrous metals. It is named for two men, Mr. Bower and Mr. Barff, who originally developed the process.

Iron or steel items to be Bower-Barff finished are heated in special furnaces to approximately 1700° Fahrenheit, at which temperature they are cherry red in color. While at this temperature, live steam and volatile hydrocarbon liquids are injected into the furnaces for a period of several minutes. The chemical action of the combined heat, water-vapor and hydrocarbon gases on the iron or steel is such that the surface of the items being treated is oxidized and carbonized and becomes covered and impregnated with a hard, non-porous, grayish-black coating. This seals the pores of the metal and alters the texture of its surface so that it is practically impervious to moisture. After the parts are removed from the furnaces and allowed to cool, they are dipped in a special oil and wiped off. At this stage they have a bluish-black color which in time becomes practically dead black.

This beautiful black finish will last indefinitely when used under normal conditions on interior hardware trim but is not recommended for use where subject to excessive exposure to the elements or to unusual conditions of moisture.

Bower-Barff finish is more serviceable and generally more satisfactory on cast iron than on wrought steel. This is due to the greater porosity of cast iron, which permits deeper impregnation of the surface carbonization. This finish on wrought steel is quite scaly and consequently is subject to chipping after continued use.

Brass—See following articles on the subjects of "Bright or Buffed Finishes" and "Brushed or Dull Finishes"; also "Electro Plating" on Page 45A.

Bright or Buffed Finishes can be produced on solid brass, bronze or white bronze, or on electro-plated articles.

In the case of solid, non-ferrous metals these finishes are produced by first polishing the items on polishing wheels or belts with abrasives of varying degress of fineness and then buffing them on rapidly revolving cloth buffing wheels which are treated with a buffing composition. This composition is fundamentally a grease base containing a very fine abrasive. The combined effect of these ingredients is the imparting of a very high lustre and extremely smooth finish to the metal articles so treated. After being thoroughly cleaned, these articles may be either waxed, oil rubbed, lacquered, or left as they are for natural aging.

On electro-plated articles, bright finishes are produced by first polishing and buffing before plating and after plating again buffing with a special composition which improves the color and lustre of the plated coating. From this point they may be either waxed, oil rubbed, lacquered or left for natural aging.

We do not recommend or offer a bright, buffed finish on plated iron or steel.

Bronze—Refer to article above on "Bright or Buffed Finishes". the article immediately below on "Brushed or Dull Finishes" and the article on Page No. 45A on "Electro-Plating".

Statuary Bronze is produced by oxidizing the surface of buffed bronze articles and then scratch-brushing until sufficient oxidation has been removed to obtained the desired color.

Brushed or Dull Finishes such as dull brass, dull bronze or dull nickel are produced by polishing the articles on abrasive wheels, buffing with a special dull finishing compound, then wet scouring with a fine abrasive, such as pumice stone, on a revolving soft brass wire scratch-brush designed for the purpose. Steel items are electro-plated before the buffing and scouring operations.

Cadmium—Refer to article on "Cadmium" on Page 42A.

Among many other uses, cadmium is used as a protective covering for other metals, electrolytically deposited. In connection with builders' hardware, cadmium is most frequently used as an electro-plated rust-resisting coating over iron and steel and is also used on iron, steel, brass, bronze, etc., as a base for the reproduction of certain other finishes such as Old Iron.

Cadmium is not suitable for use as a final finish coating on items subject to handling or wear, such as door knobs, grips, etc. and we do not recommend its use otherwise than as an underlying protective plating.

Copper—Refer to "Antique Copper" above and "Electro-Plating" on Page No. 45A.

Chromium—Refer to article on "Chromium" on Page 42A.

In builders' hardware products chromium is used principally as an electro-plated finish coating over other metals. When properly so applied it produces a hard, durable, rich, tin-white finish that is becoming increasingly popular and in commercial demand is rapidly replacing nickel finishes on many hardware items.

Items to be chromium finished are nickel plated and the chromium applied over the nickel. Not always, but usually, the articles are first copper-plated before the nickel is applied. Great care must be exercised in keeping the work thoroughly clean during all plating operations, especially immediately prior to and during the application of the copper and nickel plates. If the base metal is not thoroughly clean and the copper and nickel plating not of high quality, the copper or nickel, or both, are subject to peeling, and, of course, as they peel, the chromium plate is stripped off also.

Chromium does not adhere readily to iron and steel; so items made of ferrous metals are always first copper plated before the nickel and chromium plates are applied. However, chromium plated iron and steel builders' hardware is none too satisfactory; so we do not recommend its use and do not offer any such items in our line. Chromium plated finishes

Refer to Page Nos. 32A to 35A for finish symbols

FINISHES—HOW PRODUCED, Con't.

are much more satisfactory if produced on a copper-alloy base such as brass or bronze.

For additional information on chromium plating see article below on Electro-Plating.

Electro-Plating is a process whereby one metal is coated with another, electrolytically deposited.

Generally speaking, electro-plating is performed in tanks or plating barrels specially designed for the purpose, which contain a solution or electrolyte of certain chemicals, including a salt of the metal to be deposited, and through which an electric current of proper density is passed. The current density varies with the metal to be deposited, the nature of the articles to be plated and the type of mechanical equipment employed.

The articles to be plated are suspended in the plating solution on copper-alloy metal racks and attached to and kept in contact with the negative electrode by means of hooks on the racks. The work in process thus becomes the cathode or conducting terminal through which the current leaves the plating solution.

To the positive electrode is connected a number of bars or plates of the same metal which is being deposited on the items to be plated. These are suspended in the plating solution at intervals around the inner sides of the tank and form the anode or conducting terminal through which the current enters the solution. Metal pieces designed for this purpose are commonly known as "anodes".

The electric current passing through the plating bath causes the electrolysis or gradual decomposition of the solution (electrolyte), releasing the metal from the metal salt in the solution and depositing it upon the cathode, which is made up of the articles to be plated. Simultaneously, the "anodes" are slowly disintegrated and pass into solution, thus automatically replacing part of the metal that has been extracted from the plating bath.

The plating solution must be maintained within the limits of certain standards. To do this the "anodes" are replaced as required and chemical analyses and tests of the plating bath made at frequent intervals. Chemicals are then added to the solution as indicated by the tests.

A peculiarity of chromium plating is that lead anodes are used—not chromium. The lead does not pass into solution in the plating bath. The chromium metal deposited on the items to be plated is all contained in the plating bath itself and is replaced frequently by the addition of chromic acid, etc., as indicated by analyses and tests. Refer to Page No. 42A for article on Chromium.

Japan—A special black varnish, either glossy or dull, commonly known as Black Japan, is sometimes used as a protective and finish coating for iron and steel items and is the covering usually employed for cast iron lock cases. Japan is applied by dipping or spraying and the articles so treated are then baked in ovens until the japan is properly set and dried.

Lacquer—In order to protect the finish on exposed parts of builders' hardware with a durable, non-porous, colorless covering, most items, except those in oiled, waxed, nickel or chromium finishes, are given a thin coating of transparent lacquer. It is applied by dipping, spraying or brushing, depending upon the nature of the item, and then dried in ovens. This lacquer is a nitro-cellulose product that is basically gun-cotton to which certain gums and solvents have been added.

Nickel—Nickel plating adheres well to copper, brass and bronze but not satisfactorily to iron and steel. It thus becomes necessary to copper plate iron and steel items before applying the nickel plating. Please refer to the articles above on "Electro-Plating", "Bright or Buffed Finishes" and "Brushed or Dull Finishes" for additional information on nickel plated finishes. Also read article on Page No. 43A regarding nickel.

Oil Finishes are obtained by the same processes as "Bright or Buffed Finishes" (see Page No. 44A) up to the point of lacquering, but instead of being lacquered the article is then heated, dipped in paraffin and rubbed down with cloth pads.

Oxidized Finishes—Oxidizing to produce "Statuary" finishes or "Relieved" finishes is accomplished by immersing the metal articles in a chemical bath which has the property of depositing a black coating on the items so treated.

There are several effective formulas for these oxidizing baths and different solutions are used for different types of work. Some solutions function by electrodeposition and others are simply dip washes without electric current.

The net effect of both types, however, is to blacken the hardware so treated. The surface finish of the items is then relieved by brushing, as outlined in the articles on "Relieved Finishes" and "Statuary Finishes" to be found below on this page.

Plated Finishes—Refer to article on "Electro-Plating" elsewhere on this page.

Relieved Finishes—Any finish that is blackened by oxidation and part of the oxidation removed to reveal the natural color of the metal beneath, is called a Relieved Finish.

Our A42 (antique copper) is one type of relieved finish, the oxidation being brushed off (relieved) in spots to reveal the copper plating beneath and thus producing the familiar brownish-black and copper mottled effect.

Another type of relieved finish may be illustrated by our D21 and D31 finishes which are especially adapted to embossed designs. In producing these finishes the articles are oxidized and brushed off (relieved) until the oxidation remains only in the recessed parts of the embossing. The underlying metal is then visible in its natural color, or slightly darker, on the flat surfaces and high points of the ornamentation; while the recessed or depressed portions of the ornamentation remain darkened with the oxidation. This produces a very effective contrast in shading.

Finishes such as our S21 and S31 are applied to articles having sanded surfaces. When oxidized and relieved, the finish on sanded items is considerably darker than the natural color of the metal due to the oxidation remaining in the sand pits after the brushing operation.

Sanded Finishes—Cast metal items to be produced in sanded finishes are polished, but not buffed, and then sand blasted with fine silica sand or steel grit. The sand or grit is forcibly projected against the surface of the articles by air pressure through nozzles in machines designed for the purpose. Sheet metal items need not be polished before the sand blasting operation.

After sand blasting, the items are thoroughly cleaned and finished in the natural color of the metal of which they are made, or electro-plated to produce other finish effects. Refer also to the last paragraph on the subject of "Relieved Finishes" above.

Statuary Finishes—Refer to Page No. 44A for article on "Bronze".

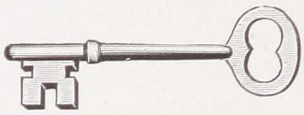
Waxed Finishes are produced by the same processes as "Bright or Buffed Finishes" (see Page No. 44A) up to the point of lacquering, but instead of being lacquered the article is then heated and a special wax preparation applied, thoroughly brushed in, and the surplus rubbed off.

Zinc Plating consists of coating other metals with zinc, electrolytically deposited, for the purpose of retarding corrosion. It is usually applied only to ferrous metals. Zinc is rapidly becoming more popular than cadmium for use as an underlying protective coating.

Refer to Page Nos. 32A to 35A for finish symbols

KEYING INFORMATION

Flat Key for Lever Tumbler Locks



Bitted Key for Lever Tumbler Lock

Paracentric Key for Cylinder Locks

The advantages and convenience of master-keyed lock systems are fully recognized by the public; and consequently are now used on all types of buildings. The individual of many holdings realizes the great convenience of carrying one key only which will enable him to operate all locks in his place of business, residence, country home, summer home and other places under his control.

The information below is a general guide as to the adaptability of various lock constructions for master-keying purposes; a statement of the functions of various keys; and a brief outline of some typical master-keyed arrangements.

Cylinder Pin Tumbler Locks are strongly recommended for use when master-keying is desired, whether it be a simple or an intricate system. Mortise locks, rim locks, night latches, padlocks and cabinet locks may all be controlled by one master key. The many possible key changes and great security of the Cylinder Pin Tumbler Lock makes possible the accomplishment of almost any master-key arrangement.

Lever Tumbler (Secure Lever) Locks of many types are suitable for master key work and certain types of locks are adapted for use in hotels. These are clearly defined in the lock sections.

Warded Locks are not suitable for master key work because of the limited key changes.

Change Key or Guest Key will operate an individual lock only and is the key furnished with the lock. When furnished with hotel locks it is stamped "Guest" when so ordered.

Master Key or Maid's Key will operate a group of locks, each lock keyed differently and having an individual change key, but all subject to one key known as the master key. When furnished with hotel locks it is usually stamped "Maid's" and usually controls the locks on one floor only.

Grand Master Key or Housekeeper's Key will operate two or more groups, each lock keyed differently and having individual change keys; but each group subject to a different Master key, and all subject to one key known as the Grand Master key. When furnished with hotel locks it is usually stamped "Housekeeper's" and controls locks to all rooms and all other locks so specified.

Emergency Key • This key is used for hotel systems and will operate all room locks at all times. It is held by the management for use should emergency entrance to rooms become necessary.

Display Key • This key is used in hotels for display and sample rooms, where valuable samples are kept and the tenant does not wish anyone to enter the room. It shuts out the guest's, maid's and housekeeper's keys so that they will not operate but does not shut out the emergency key.

Shut-Out Key • This key is for use in hotels and apartment buildings and shuts out all keys so that none will operate, except the emergency key. It is used by the management to shut out guests or tenants who are delinquent in their accounts, etc.

Apartment Building System • Each tenant's change key will operate the main and rear entrance doors, but will not operate other locks. The keys for the entrance doors, however, will not operate the locks to any of the apartments.

Apartment Building Master System • Operation the same as Apartment Building System with the addition of a master key opening all locks.

Hotel Closets should be subject to the same change or guest key that operates the corridor door, but should not be subject to the maid's or housekeeper's key. This permits tenant to lock valuables in closet with security.

Keyed Alike Locks • Locks are all keyed alike and all keys will interchange, each opening all locks. When ordering, specify how many keys required.

All master-keyed locks must be manufactured after ordered, as special construction is required in the locks or cylinders. It is not possible for us to furnish master-keys for regular stock locks.

MASTER KEY RECORDS

A record is kept by us of the keys used in every important installation of master-keyed locks. This is necessary, because without it we should be unable afterwards to make additions to a series without danger of unintentional duplication of keys, and because without it there would be great danger that a master key furnished to one customer might control some or all of the locks furnished to another customer in the same locality. To maintain unimpaired the protection thus assured to our customers, we have always made it a rule to decline to accept orders for master keys unless informed as to the **name and location** of the building and the person by whom they are to be used. This information is, of course, treated as strictly confidential.

SUGGESTIONS FOR MASTER-KEYED LOCKS

Orders involving master-keyed locks should be accompanied with complete master key information, including approximate extension of later additions, if any are comtemplated, so that allowance can be made in planning the system.

A system once started cannot be rearranged without complete reconstruction of the locks or cylinders and should the locks have been shipped they would have to be returned, unless some local locksmith undertook the adjustment; this is very unsatisfactory, because the factory records would in such a case be useless for additions of future requirements.

A complete record is kept of all key change numbers on master key construction, thereby eliminating any chance of duplication of change keys or master key systems. Change keys or master keys may be ordered by number, if an authorization, by owner, is sent with the order.

Master key instructions and the quantity of master keys required should be at the beginning of the order and each lock listed should be lettered to correspond to the letter designating the master key to which it is to be subject.

Suffix the Symbol "MK" for Master-keyed Locks.
Suffix the Symbol "GMK" for Grand Master-keyed Locks.
Suffix the Symbol "KA" for Keyed Alike Locks.
Suffix the Symbol "KAMK" for Keyed Alike Locks also subject to Master key.

Master-key systems and divisions thereof should be identified by letter symbols such as:

Locksets "A" to be subject to Master key "A".
Locksets "B" to be subject to Master key "B".
Locksets "C" to be subject to Master key "C".
Locksets "A," "B" and "C" to be subject to Grand Master key "D".
Locksets "E" to be keyed alike and subject to Grand Master key "D".

RESIDENCES

Locksets on residences with a limited number of doors usually have all the exterior cylinder locks and the garage locks keyed alike in one set.

Mansions are usually arranged so that the keys of the main entrance lock act as master key on all cylinder locks used, or the main entrance lock is furnished with regular change keys and all cylinder locks subject to a master key and grand master key. It is also desirable to have all bit key locks subject to a bit key master key.

Specify as Follows

All Cylinder Locks keyed alike in one set.

or

Main Entrance Door, Lockset "A."
Grade, Rear Entrance and Garage Door, Locksets "B."
All Locksets keyed differently.
Locksets "B" to be subject to keys of Lockset "A."

Specify Mansion as Follows

Cylinder Locks, Main Section, Set "A" (Figure Grand Master-keyed Price).
Cylinder Locks, Service Section, Set "B" (Figure Grand Master-keyed Price).
Cylinder Locks, Chauffeur's Section, Set "C" (Figure Grand Master-keyed Price).
Cylinder Locks, Housemen's Section, Set "D" (Figure Grand Master-keyed Price).
Bit Key Locks, Main Section, Set "E" (Figure Grand Master-keyed Price).
Bit Key Locks, Service Section, Set "F" (Figure Grand Master-keyed Price).
Padlocks, Window Grills, Set "G" (Figure Master-keyed Price).
Padlocks, Gates, Set "H."
Basement Entrance to be subject to Key "C."
All Locks to be keyed differently unless otherwise specified.
All Locks in Set "A" to be subject to Master key "A."
All Locks in Set "B" to be subject to Master key "B."
All Locks in Set "C" to be subject to Master key "C."
All Locks in Set "D" to be subject to Master key "D."
All Locks in Set "G" to be keyed alike and subject to Grand Master keys.
All Locks in Set "H" to be keyed alike but differently than "G" and subject to Grand Master key.
All Locks in Set "E" to be subject to a Master key "E."
All Locks in Set "F" to be subject to a Master key "F."
Basement Entrance to be subject to Keys of Set "C" and "D."
Sets "A", "B", "C", "D", "G" and "H" to be subject to a Grand Master key.
Sets "E" and "F" to be subject to a Grand Master key.

If the main entrance keys are to act as grand master keys the same procedure is followed as above.

Specify quantity of Change Keys to be furnished with Keyed Alike Locks.
Specify quantity of Master keys.
Specify quantity of Grand Master keys.

SUGGESTIONS FOR MASTER-KEYED LOCKS, Cont.

APARTMENT DWELLINGS

Apartment dwellings usually have the exterior door locks subject to all apartment lock keys, so that tenant carries only one key.

Specify as Follows

Exterior Entrance Doors, Set "A."
Apartment Entrance Doors, Set "B."
Rear Doors to Apartments, Set "C."
All Locks Set "A" to be keyed alike in one set.
All Locks Set "A" to be subject to all keys of "B". All Locks Set "B" to be keyed differently.
All Locks Sets "B" and "C" to be keyed alike for each apartment.
All Locks Sets "A", "B" and "C" to be subject to a Master key.

FACTORIES

Factories usually have the office building locks subject to a master key, the factory locks to a master key different from the office master key, the gate locks keyed alike, tool cribs keyed differently, and all subject to a grand master key. Before entering an order for this type of construction you should have a very clear understanding of the requirements. Locks suitable for manufacturing plant layouts are illustrated on Page 49A. Also please refer to Page 50A for factory master-key plan.

OFFICE BUILDINGS

Owners of office buildings usually anticipate future additions; so some information should be secured relative to the extent of possible additions, in order that allowance may be made in charting the master key layout.

All locks to be keyed differently unless otherwise specified.

All locks on each floor to be subject to a separate floor master key unless otherwise specified.

All locks in building to be subject to a grand master key unless otherwise specified.

All janitor's closet locks on each floor subject to floor master key, janitor's master key and engineer's master key. Locks of men's toilets keyed alike on each floor, subject to the janitor's master key, floor master key, engineer's master key and to all keys of office entrance locks on respective floors. Locks of women's toilets should be keyed alike on each floor subject to floor master key, janitor's master key, engineer's master key and to required number of change keys to take care of tenants.

Pipe shafts should all be keyed alike in one group, subject to engineer's master key and grand master key.

Electric cabinets should all be keyed alike in one group subject to electrician's master key and grand master key.

If there are any stores they should not be subject to any master keys. Any locks not to be subject to any master keys should have notation after each set, "Not master-keyed."

HOTELS

The master key specification is very similar to office master key systems with the addition of the emergency, shut out, display and housekeeper's keys.

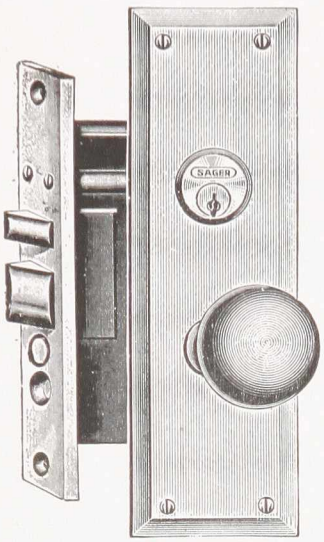
COLLEGES HOSPITALS AND ASYLUMS

The master key systems on colleges, hospitals and asylums vary so greatly that a very clear understanding should be reached with the architect as to what is desired. If you are unable to secure complete information, please request our assistance.

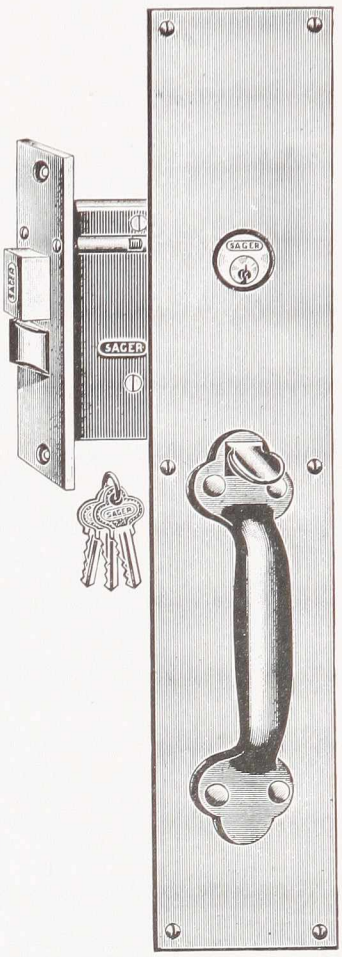
FACTORY LOCKS AND LOCKSETS

The Locks and Locksets illustrated below are suggested for use on manufacturing plant layouts. All can be Master Keyed in one group.
Please refer to Pages 47A and 50A for master-keying information.

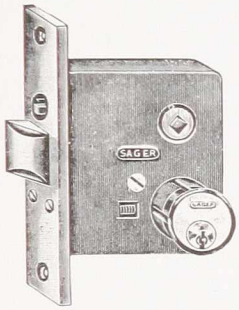
No. AW1670V
For Interior Doors
Page No. 280



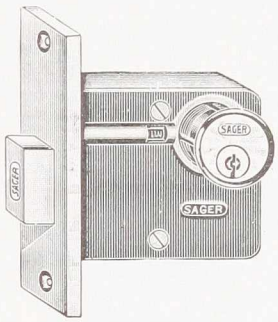
No. AW1790
For Office Doors
Pages No.42 and 280



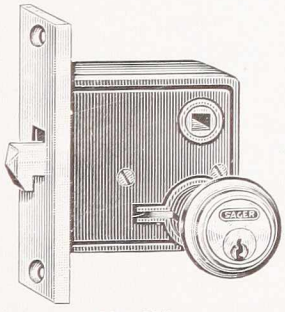
No. WHO84584
For Exterior Factory Doors
Page No. 243
No. CE84584
For Exterior Office Doors
Page No. 246



No. 160 Mortise
Latch for Entrance Doors
Page No. 10



No. 963
Dead Lock for Entrance Doors
Page No. 80

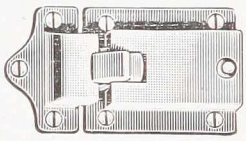


No. 956
Mortise Sliding Door Latch
For Sliding Doors and Gates
Page No. 84

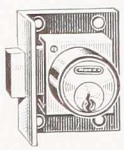
No. 61D
Drawer Lock
Page No. 100

No. 11L
Locker Lock
Page No. 101

No. 50W
Wardrobe Lock
Page No.99



No. 1055
For Interior Doors
Page No. 93



No. 55W
Cupboard Lock
Page No. 99

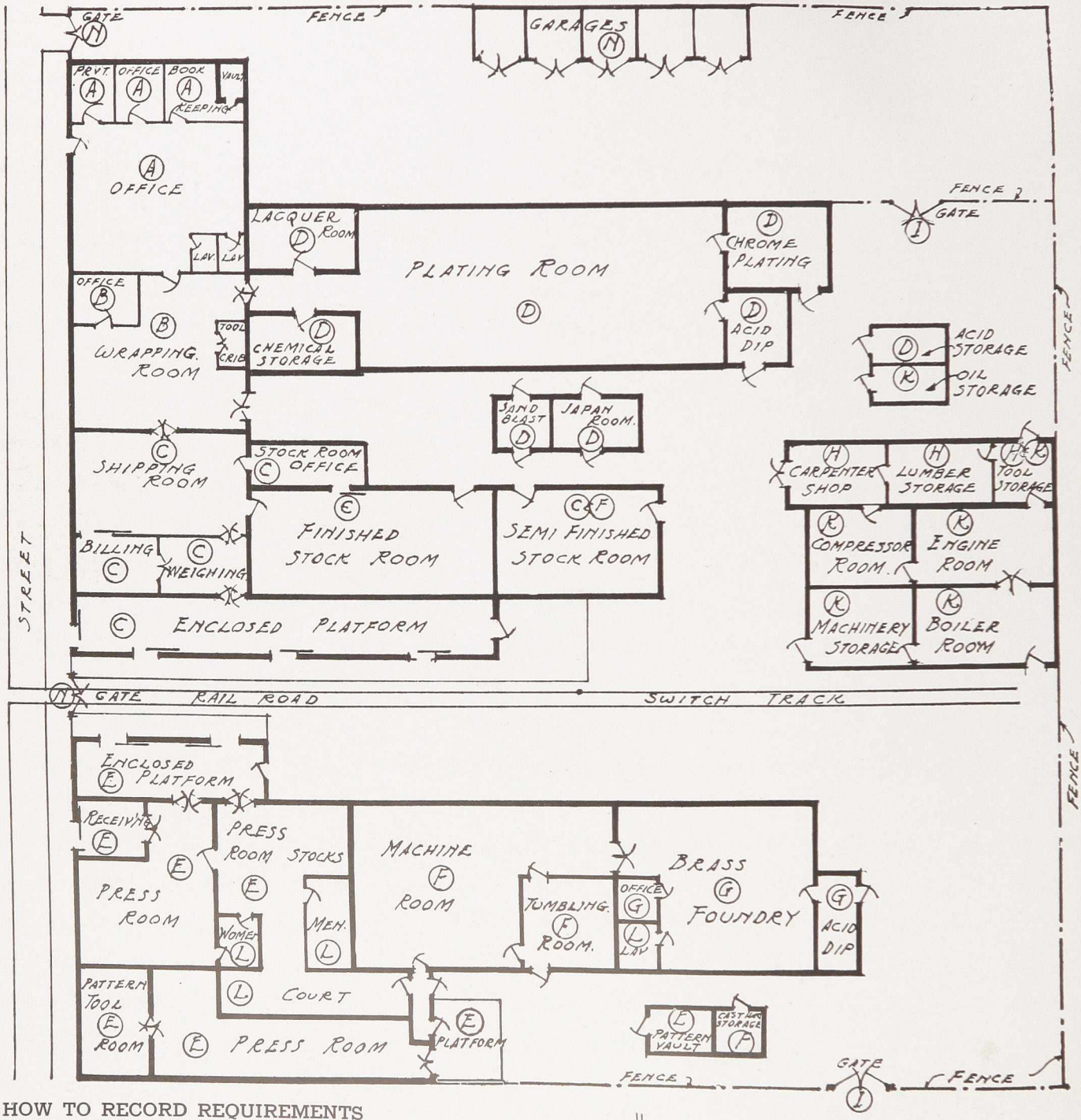
No. 41DK
Desk Lock
Page No. 102

No. 1092
For Gates
Page No. 103

No. 21C
Chest Lock
Page No. 102

HOW TO PLAN A MASTER KEY SYSTEM

DIVIDE BUILDINGS INTO GROUPS AS SUGGESTED BELOW



HOW TO RECORD REQUIREMENTS

One Grand Master Key to operate all locks.
One Sub-Master Key to operate Group A. Allow for 25 future locks.
One Sub-Master Key to operate Group B. Allow for 25 future locks.
One Sub-Master Key to operate Group C. Allow for 50 future locks.
One Sub-Master Key to operate Group D. Allow for 50 future locks.
One Sub-Master Key to operate Group E. Allow for 25 future locks.
One Sub-Master Key to operate Group F. Allow for 25 future locks.
One Sub-Master Key to operate Group G. Allow for 25 future locks.
One Sub-Master Key to operate Group H. Allow for 25 future locks.
One Sub-Master Key to operate Group I. Allow for 10 future locks.
One Sub-Master Key to operate Group J. Allow for 25 future locks.
One Sub-Master Key to operate Group K. Allow for 10 future locks.
One Sub-Master Key to operate Group L. Allow for 50 future locks.
One Sub-Master Key to operate Group N. Allow for 50 future locks.

Allow for 4 additional future groups with approximately 50 locks each.

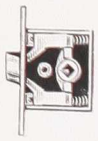
All locks subject to a Grand Master Key, usually carried by executives.

Each group subject to a Sub-Master Key, with each lock keyed differently, and each group subject to a Sub-Master Key which will not operate any other group. Usually carried for foreman.

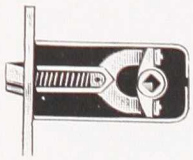
Each lock subject to individual change keys which will operate only one lock. Usually carried by employees, if given any keys.

SPRING CONSTRUCTION OF LOCKS AND LATCHES

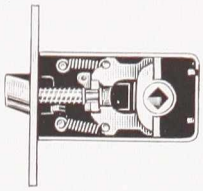
DESIGNATED BY LETTERS IN LOCK DESCRIPTION



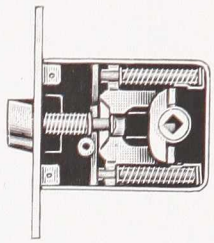
Type A



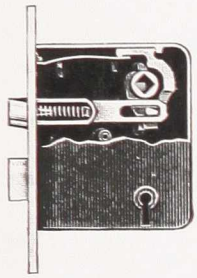
Type B



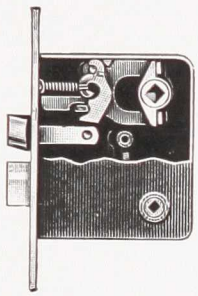
Type C



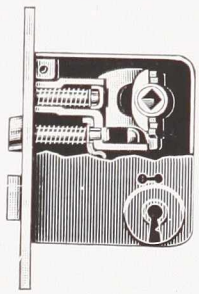
Type D



Type F



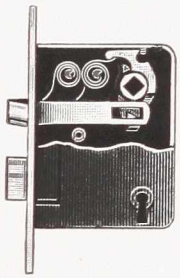
Type G



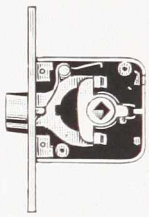
Type H

Type J

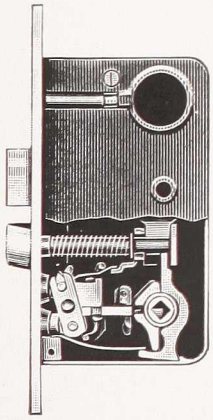
Type K
1, 1¼ and 1½ Inch
Backset



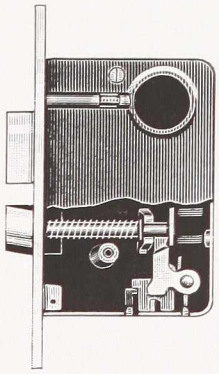
Type K
1¾ and 2 Inch
Backset



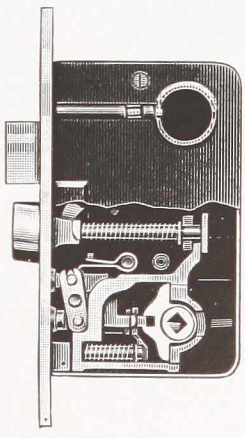
Type L



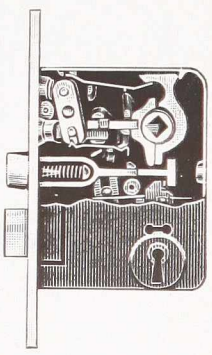
Type M



Type N



Type O



Type P

MORTISE LOCKS AND LATCHES

ARRANGED BY TYPES AND BACKSETS

Regular Backset Inches	Special Backset Inches	Type of Lock and List Number	Case Size Inches	Front Size Inches
		Locks, Communicating, Turn Knob, for Knobs, Flat Front		
2½	.....	482	3⅝x3¼x⅝	5½x1
2½	*2¾	452	4¼x3⅜x⅝	6¼x1 1/8
		*Add ⅝ inches to Special Backset for width of case.		
		Locks, Bit Key, for one Knob and one Handle, Flat Front		
2½	.....	445 and 445¾	4½x3¼x¾	6 x1
		Locks, Turn Knob, for one Knob and one Handle, Flat Front		
2½	.....	485	4½x3¼x¾	6 x1
		Locks, Bit Key By Turn Knob, for Knobs, for Bathroom Doors, Flat Front		
2½	.....	455¾ and 455¾MK	5⅜x3⅜x⅝	7¾x1 1/16
		Locks, Bit Key By Turn Knob, for Knobs, for Bedroom Doors, Flat Front		
2½	.....	495¾ and 495¾MK	4½x3¼x⅝	6¼x1
		Locks, Bit Key By Turn Knob, for Knobs, for Hotel Corridor Doors, Flat Front		
2½	.....	501	5⅜x3⅜x⅝	7⅜x1 1/8
2½	.....	515, 517 and 518	6 x3½x13/16	7⅞x1 1/8
		Locks, Bit Key Both Sides, for Knobs, for Hotel Corridor Doors, Flat Front		
2½	.....	511, 512 and 513	6 x3½x13/16	7⅞x1 1/8
		Locks, Bit Key for Knobs, for Hotel Interior Room Doors, Flat Front		
2½	.....	555	4¼x3⅜x13/16	6⅛x1¼
		Locks, Bit Key By Turn Knob, for Knobs, for Hotel Bathroom Locks, Flat Front		
2½	.....	556	5¼x3⅜x13/16	7¼x1 1/8
		Locks, Bit Key for Knobs, for Hotel Communicating Doors, Flat Front		
2½	.....	557	5¼x3⅜x13/16	7¼x1 1/8
		Locks, Cylinder, for Knobs, for Hotel Corridor Doors, Flat Front		
2½	.....	521 and 522	5 x3¾x11/16	7 x1
2½	.....	531, 532, 533, 535, 536 and 537	5⅞x3½x¾	7¾x1 1/8
2½	.....	542, 543, 544 and 545	6⅛x3⅜x⅞	8 x1¼
		Locks, Cylinder, for Knobs, for Apartment Entrance Doors, Flat Front		
2½	.....	525, 526, 527 and 528	5⅞x3½x¾	7¾x1
		Locks, Bit Key, for Knobs, for Front Entrance Doors, Flat Front		
2½	.....	600, 600¾, 610 and 610¾	4¼x3½x¾	6½x1 1/16
		Locks, Bit Key, for Knobs, for Vestibule Doors, Flat Front		
2½	.....	600V, 600¾V, 610V and 610¾V	4¼x3½x¾	6½x1 1/16
		Locks, Cylinder, for Knobs, for Front Entrance Doors, Flat Front		
1½	*1-1¼-1¾	680	5⅝x2⅜x¾	7⅝x1 3/16
		*Add ⅞-inch to Special Backsets for width of case.		
2½	.....	751	5⅞x3½x⅝	7¾x⅞
2½	*2	670, 671, 672, 673, 674, 675, 676, 677, 678 and 679	5 x3½x¾	7¾x1⅛
2¾	*2¼	660, 661 662, 663 and 664	5⅞x3¾x¾	7⅞x1⅛
2¾	.....	690 and 9690	6 x3⅞x13/16	8 x1¼
		*Add 1 inch to Special Backsets for width of case.		
		Locks, Cylinder, for Knobs, for Front Entrance Doors, Rabbeted Front		
1½x1	*1¾x1¼	680R	5⅝x2⅜x¾	7⅝x1 3/16
		*Add ⅞-inch to Special Backsets for width of case.		
2½x2	.....	670R, 671R and 672R	5⅞x3½x¾	7¾x1⅛
2¾x2¼	.....	690R	6 x3⅞x13/16	8 x1¼
		Locks, Cylinder, for Knobs, for Vestibule Doors, Flat Front		
1½	*1-1¼-1¾	680V	5⅝x2⅜x¾	7⅝x1 3/16
		*Add ⅞-inch to Special Backsets for width of case.		

MORTISE LOCKS AND LATCHES, Cont.

ARRANGED BY TYPES AND BACKSETS

Regular Backset Inches	Special Backset Inches	Type of Lock and List Number	Case Size Inches	Front Size Inches
2½		751V	5⅞x3½x⅝	7¾x⅞
2½		670V and 673V	5⅞x3½x¾	7¾x1⅛
2¾	*2¼	710V	4¼x3¾x¾	6¼x1⅛
2¾	*2¼	660V	5⅞x3¾x¾	7⅞x1⅛
		*Add 1 inch to Special Backsets for width of case.		
2¾		690V, 694V, 695V and 9690V	6 x3⅞x13/16	8 x1¼
1½		681V	5⅝x2⅜x¾	7⅝x1 3/16
		Locks, Cylinder, for Knobs, for Vestibule Doors, Rabbeted Front		
2½x2		670VR	5⅞x3¾x¾	7¾x1⅛
2¾x2¼		690VR	6 x3⅞x13/16	8 x1¼
1½x1	*1¾x1¼	680VR	5⅝x2⅜x¾	7⅝x1 3/16
		Latches, for Knobs, Flat Front		
1		102	1½x1⅜x7/16	2½x11/16
1		114	2⅜x1¾x9/16	4 x⅞
1¼		103 and 104	1 5/16x1⅞x½	2⅝x11/16
1½		112	1¾x2 x9/16	3⅜x¾
1½	*1¼-1¾-2	115	2 x2¼x11/16	4 x⅞
1½	*1¼-1¾-2	122	2 x2¼x11/16	4 x1 1/16
		*Add ¾-inch to Special Backsets for width of case.		
2⅜	*3	132	2⅜x3¼x¾	4¼x15/16
		*Add ⅞-inch to Special Backsets for width of case.		
2½		100 and 110	1½x3¼x9/16	3 x⅞
2½	1¾-2⅜-3	120	1¾x3⅜x9/16	3½x⅞
2½	*2¾	130	2 x2⅜x⅝	4 x1 1/16
2¾		140	2½x3⅜x¾	4½x1⅛
2¾		141 and 9141	6 x3⅞x13/16	8 x1¼
2¾		184, 185, 9184 and 9185	6 x3⅞x13/16	8 x1¼
		Latches, for Knobs, Rabbeted Front		
1⅜x1		102R	1½x1⅜x7/16	2½x11/16
1⅞x1½		112R	1½x2 x9/16	3½x⅞
2 x1½		115R	2 x2¼x11/16	4¾x15/16
2 x1½		122R	2 x2¼x11/16	4¾x1⅛
2½x2		130R	2 x3⅜x⅝	4¾x1⅛
2¾x2¼		140R	2½x3⅜x¾	4¾x1 3/16
		Latches, for Handles, Flat Front		
2½	*2-3	170	2⅜x3⅝x¾	4⅜x1⅛
		*Add 1⅛ inches to Special Backsets for width of case.		
		Latches, for Handles, Rabbeted Front		
2½x2		170R	2⅜x3⅝x¾	4⅜x1⅛
		Latches, for One Knob and One Handle, Flat Front		
2½		174	3 3/16x3¼x¾	4¾x1
2½		175	3¼x3⅝x¾	5¼x1⅛
		Latches, Exit, for Knobs, Flat Front		
2½		180 and 181	4 x3⅞x13/16	6 x1¼
		Latches, Mortise Exit, for One Knob and One Handle, Flat Front		
2½		182	4 x3⅞x13/16	6 x1¼
		Latches, Cylinder, Night, Flat Front		
2½		160 and 162	3⅝x3⅜x¾	5¾x1
2¾		163, 164, 165 and 166	4⅛x3¾x¾	6⅛x1¼
2¾		187 and 9187	6 x3⅞x13/16	8 x1¼
		Latches, Cylinder, Night, Rabbeted Front		
2½x2		160R and 162R	3⅝x3⅜x¾	6 x1⅛
		Locks, Bit Key, for Knobs, Flat Front		
1½	*1-1¼-1¾-2	230, 240, 240¾ and 240¾MK	3⅝x2¼x9/16	5¼x⅞
1½	*1¾-2	221¾ and 221¾MK	4¼x2¼x11/16	6¼x1 1/16
2⅜		250, 260, 262¾, 262¾MK, 270, 272¾ and 272¾MK	3⅝x3¼x⅝	5¼x⅞
2½		290, 311, 311¾ and 311¾MK	3⅝x3¼x⅝	5¼x1
2½	*2	300, 300¾ and 300¾MK	3⅝x3¼x⅝	5¼x1
		*Add ¾-inch to Special Backsets for width of case.		
2½		320, 320¾ and 320¾MK	3⅝x3¼x⅝	5½x1 1/16
2½	*2¾	361¾ and 361¾MK	4¼x3 5/16x⅝	6⅛x1

MORTISE LOCKS AND LATCHES, Cont.

ARRANGED BY TYPES AND BACKSETS

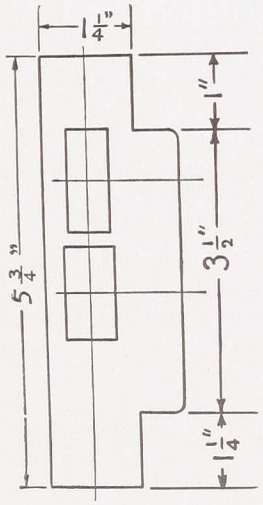
Regular Backset Inches	Special Backset Inches	Type of Lock and List Number	Case Size Inches	Front Size Inches
2½	.....	440, 440¾ and 440¾MK	4½x3¼x⅝	6¼x1
2¾	*2½	370¾ and 370¾MK	4¼x3⅜x⅝	6¼x1 1/16
2¾	.....	380¾ and 380¾MK	5¼x3¾x⅝	7¼x1 1/16
3	.....	400¾ and 400¾MK	5 x4 x¾	7⅛x1¼
		*Add ⅞-inch to Special Backsets for width of case.		
		Locks, Bit Key, for Knobs, Rabbeted Front		
1½x1	*1¾x1¼-2x1½	230R, †235R, 240R, 240¾R, 240¾RMK and †245R	3⅝x2¼x 9/16	5⅝x⅞
1½x1	*1¾x1¼-2x1½	221¾R and 221¾RMK	4¼x2¼x 11/16	7 x1⅛
2½x2	*2x1½	300R, 300¾R and 300¾RMK	3⅝x3¼x⅝	6⅞x1
		*Add ¾-inch to Special Backsets for width of case.		
2½x2	*2¾x2¼	370R and 370¾RMK	4¼x3⅜x⅝	7 x1⅛
		*Add ⅞-inch to Special Backsets for width of case.		
		†Nos. 235R and 245R have ⅜-inch rabbet.		
		Locks, Turn Knob, for Knobs, Flat Front		
1½	*1¾-2	232 and 242	3⅝x2¼x 9/16	5¼x⅞
1½	*1¾-2	222	4¼x2¼x 11/16	6¼x1 1/16
		*Add ¾-inch to Special Backsets for width of case.		
2⅜	.....	460 and 470	3⅝x3¼x⅝	5¼x⅞
2½	.....	480 and 491	3⅝x3¼x⅝	5½x1
2¾	*2½	450	4¼x3⅜x⅝	6¼x1⅛
		*Add ⅞-inch to Special Backsets for width of case.		
		Locks, Turn Knob, for Knobs, Rabbeted Front		
1½x1	*1¾x1¼-2x1½	232R, *237R, 242R and *247R	3⅝x2½x 9/16	5⅝x⅞
1½x1	*1¾x1¼-2x1½	222R	4¼x2¼x 11/16	7 x1⅛
		*Add ¾-inch to Special Backsets for width of case.		
2¾x2¼	*2½x2	450R	4¼x3⅜x⅝	7 x1⅛
		*Add ⅞-inch to Special Backsets for width of case.		
		Locks, Cylinder Dead Locking, for Knobs, for Grade and Rear Entrance Doors, Flat Front		
2½	.....	640	4½x3½x⅝	6½x⅞
		Locks, Cylinder, for Knobs, for Office Entrance Doors, Flat Front		
2½	.....	781	5⅞x3½x¾	7¾x1⅛
2¾	.....	691, 692, 790, 792, 793, 9691, 9692, 9790, 9792 and 9793	6 x3⅞x 13/16	8 x1¼
2⅞	2½	760	5 x3¾x¾	7 x1⅛
		Locks, Cylinder, for Knobs, for Office Entrance Doors, Rabbeted Front		
2¾x2¼	.....	691R and 692R	6 x3⅞x 13/16	8 x1¼
		Locks, Bit Key, for One Entrance Handle and One Knob, Flat Front		
2¾	.....	620, 620¾, 621 and 621¾	4¼x3⅝x¾	6½x1 1/16
		Locks, Cylinder, Front, for One Entrance Handle and One Knob, Flat Front		
2½	*2-2¾	630, 631, and 633	5⅞x3½x¾	7¾x1⅛
2½	.....	636, 637, and 639	5⅞x3½x¾	7¾x1
		*Add 1 inch to Special Backsets for width of case.		
2½	.....	730	5⅞x3½x⅝	7¾x⅞
2¾	.....	595 and 9595	6 x3⅞x 13/16	8 x1¼
		Locks, Cylinder, Front, for One Entrance Handle and One Knob, Rabbeted Front		
2½x2	*2¾x2¼	630R	5⅞x3½x¾	8½x1 5/16
2¾x2¼	.....	595R	6 x3⅞x 13/16	8⅞x1¾
		*Add 1 inch to Special Backsets for width of case.		
		Locks, Cylinder, Vestibule, for One Entrance Handle and One Knob, Flat Front		
2½	.....	730V	5⅞x3½x⅝	7¾x⅞
2½	2-2¾	630V	5⅞x3½x¾	7¾x1⅛
2½	2-2¾	633V	5⅞x3½x¾	7¾x1
2¾	.....	595V and 9595V	6 x3⅞x 13/16	8 x1¼

MORTISE LOCKS AND LATCHES, Cont.

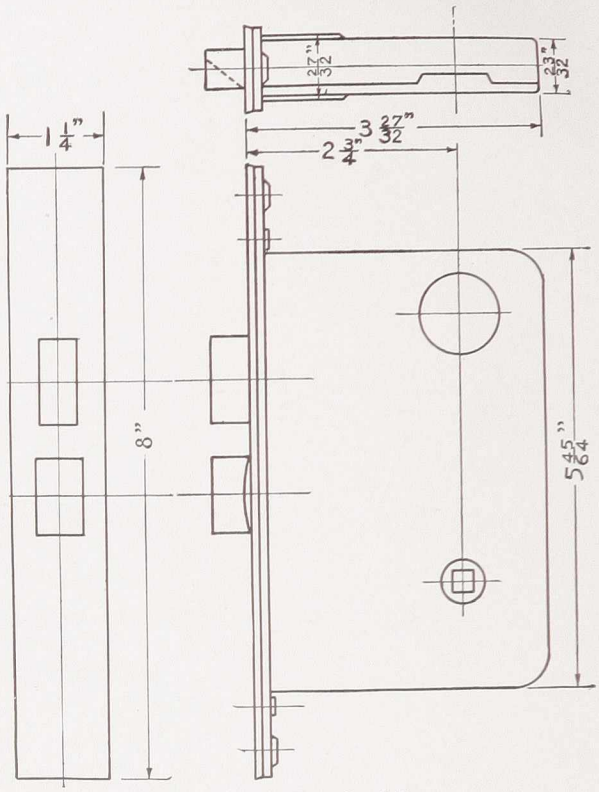
ARRANGED BY TYPES AND BACKSETS

Regular Backset Inches	Special Backset Inches	Type of Lock and List Number	Case Size Inches	Front Size Inches
		Locks, Cylinder, Vestibule, for One Entrance Handle and One Knob, Rabbeted Front		
2½x2	*2¾x2¼	630VR	5⅞x3½x¾	8½x1 5/16
		*Add 1 inch to Special Backsets for width of case.		
		Locks, Bit Key, Entrance, for Two Handles, Flat Front		
2½		582 and 583	4½x3⅝x¾	6½x1⅛
		Locks, Bit Key, Entrance, for Two Handles, Rabbeted Front		
2½x2		582R and 583R	4½x3⅝x¾	7¾x1 5/16
		Locks, Cylinder, Entrance, for Two Handles, Flat Front		
2½	2¾-3-3¼-3½-3¾-4	584	5 x3½x⅞	7 x1¼
2½		586 and 587	5⅞x3½x¾	7 x1¼
2½		585	5 x3½x⅞	7 x1¼
2¾		590, 591, 592, 593, 9590, 9591, 9592 and 9593	6 x3⅞x13/16	8 x1¼
		*Add 1 inch to Special Backsets for width of case.		
		Locks, Cylinder, Entrance, for Two Handles, Rabbeted Front		
2½x2		584R	5 x3½x⅞	7¾x1 5/16
2¾x2¼		590R, 591R, 592R and 593R	6 x3⅞x13/16	8⅞x1⅜
		Locks, Cylinder, Vestibule, for Two Handles, Flat Front		
2¾		592V and 9592V	6 x3⅞x13/16	8 x1¼
		Locks, Cylinder, Vestibule, for Two Handles, Rabbeted Front		
2¾		592VR	6 x3⅞x13/16	8⅞x1⅜
		Locks, Bit Key, Emergency, for Knobs, Flat Front		
2¾		840¾, 840¾MK, 841¾, 841¾MK, 842¾ and 842¾MK	5 x3⅝x¾	7 x1⅛
2¾		810¾, 810¾MK, 811¾ and 811¾MK	5½x3⅞x¾	7½x1⅛
		Locks, Cylinder, Emergency, for Knobs, Flat Front		
2¾		800	5½x3⅞x¾	7½x1⅛
2¾		794, 796, 797, 9794, 9796, and 9797	6 x3⅞x13/16	8 x1¼
		Locks, Cylinder, Emergency, for One Handle and One Knob, Flat Front		
2¾		880, 881, 9880 and 9881	6 x3⅞x13/16	8 x1¼
		Locks, Cylinder, Emergency, for Two Handles, Flat Front		
2¾		885, 886, 9885 and 9886	6 x3⅞x13/16	8 x1¼
		Locks, Bit Key, Dead, for Class Rooms, Flat Front		
2½		902¾ and 902¾MK	3⅜x3⅜x⅝	5⅜x1 1/16
		Locks, Cylinder, Dead, for Class Rooms, Flat Front		
2¾		973	3⅞x3¾x⅞	5⅞x1¼
		Locks, Bit Key, Dead, Flat Front		
2⅜		962	3 x3½x⅞	5½x1 5/16
2½	*2-2¾	961, 961¾ and 961¾MK	2⅛x3¼x⅝	3⅞x1
2½	*2-2¾	963, 963¾ and 963¾MK	2⅛x3¼x⅝	3⅞x1 1/16
2½		964, 964¾ and 964¾MK	3 x3½x¾	5 x1⅛
		*Add ¾-inch to Special Backsets for width of case.		
		Locks, Bit Key, Dead, Rabbeted Front		
2⅜x1⅞		962R	3 x3½x⅞	5½x1⅜
		Locks, Bit Key, Dead, for Hotels, Flat Front		
2½		901¾	2⅜x3⅜x13/16	4⅛x1⅛
		Locks, Cylinder, Dead, Flat Front		
1	*1½	965, 965T and 965½	2¾x1⅞x¾	4⅞x1
		*Add ⅞-inch to Special Backsets for width of case.		
2½		972	3⅝x2¾x⅝	4½x⅞
2½	*2⅛-2¾-3-3¾	966, 966T and 996½	2⅝x3½x⅝	4⅝x⅞
2½	*2-2¾-3-3½-4	967, 967T, 967½, 968, 968T and 968½	3⅛x3½x⅞	5⅛x1¼
		*Add 1 inch to Special Backsets for width of case.		
2½	*2-2¾-3	974, 974T and 974½	3⅞x3⅝x⅞	5⅛x1¼
2¾	*1¼-1½-1¾-2-2½	969, 969T and 969½	4½x3¾x⅞	6⅞x1¼
2¾		971, 971T, 971½, 9971, 9971T and 9971½	6 x3⅞x13/16	8 x1¼
		*Add 1⅛ inches to Special Backsets for width of case.		

MORTISE LOCKS "TO TEMPLATE"



No. 9—Standardized Strike Bolt Openings Cut to Fit Bolts of Locks Specified



Front

Standard Case

MORTISE CYLINDER LOCKS

The locks described below are Standardized Mortise Cylinder Locks which conform to the U.S. Standards adopted by the Hollow Metal Association. All locks have uniform case size, thickness, backset and strike, making it possible to provide one standard mortise for all locks listed below.

Case 6″x3 7/8″x 13/16″, **Front, flat** 8″x1 1/4″, **Strike, flat** 5 3/4″x1 1/4″ x lip height 3 1/2″. **Regular** length of lip, center of opening to end of lip, 1 1/8 inches. Length of lip determined by jamb detail, measured from center of bolt opening to end of lip. Metal door manufacturers usually build box for strike, but if box strike is required, so specify on order.

Spacing—All knob locks in this series have same spacing. All entrance handle locks have same spacing, but different from knob locks. **Backset**—2 3/4″.

Front and strike are furnished with 1/2"x12-24 flat head machine screws.

Mortise Knob Latches

Number	Description of Operation	Page
9141	Latch Bolt By Knobs from both sides	5
9184	Latch Bolt By Knobs from both sides—3/4 inch throw	8
9185	Latch Both By Knobs from both sides, Auxiliary Latch Bolt—3/4 inch throw	8

Mortise Cylinder Latch

9187	Latch Bolt By Key from outside, Auxiliary Latch Bolt—3/4 inch throw	9

Mortise Dead Lock

9971	Dead Bolt By Key, one side	82
9971T	Dead Bolt By Key, one side, Turn Knob other side	82
9971 1/2	Dead Bolt By Key from both sides	82

MORTISE CYLINDER LOCKS, Cont.

Mortise Entrance Door Locks for Handles

Number	Description of Operation	Page
9590	Handles, both sides, Latch Bolt and Dead Bolt By Key both sides	63
9591	Handles, both sides, Latch Bolt and Dead Bolt By Key, both sides, hold back feature	63
9592	Handles, both sides, Latch Bolt and Dead Bolt By Key, both sides with stop works	64
9592V	Handle, both sides, Latch Bolt only, By Key outside	65
9593	Handles, both sides, Latch Bolt and Dead Bolt By Key, out side Turn Knob inside	64
9595	Handle outside, Knob inside, Latch Bolt and Dead Bolt by key	58
9595V	Handle outside, Knob inside, Latch Bolt only, By Key outside	59

Mortise Locks with Dead Bolt and Latch Bolt for Knobs

9690	Latch Bolt By Knobs both sides, Dead Bolt By Key and Knob, stopwork	38
9691	Latch Bolt By Knobs both sides, Dead Bolt By Key and Turn Knob	40
9692	Latch Bolt By Knobs both sides, Dead Bolt By Key both sides	40

Mortise Locks with Latch Bolt Only

9690V	Latch Bolt By Knobs both sides, stopworks in front	39
9790	Latch Bolt By Knobs both sides, stopworks in front, Auxiliary Latch Bolt	42
9792	Latch Bolt By Knobs, both sides, stopworks in front, ¾" throw	43
9793	Latch Bolt By Knobs both sides, stopworks in front, Auxiliary Latch, ¾" throw	43
9796	Latch Bolt By Knobs, outer Knob set by inside cylinder Auxiliary Latch Bolt	71
9797	Latch Bolt By Knobs, outer Knob set by inside cylinder Auxiliary Latch Bolt	71

Mortise Emergency Lock

9794	Latch Bolt By Knobs both sides, Key outside, Stopworks By Inside Cylinder	70
9880	Latch Bolt By Handle outside, Knob inside at all times	72
9881	Latch Bolt By Handle outside, Knob inside at all times, holdback feature	72
9885	Handles both sides	73
9886	Handles both sides, holdback feature	73

REGULAR LOCKS AND MISCELLANEOUS ITEMS "TO TEMPLATE"

Specify when regular locks, latches or miscellaneous items are required to be made "to template." A blue print showing exact measurements will be furnished covering the particular requirements. If physical templates are required they will be furnished unfinished and charged for at one-half the price of the regular finished item.

Locks and latches "to template" should be specified with box strikes to cover the unfinished appearance of the metal jamb, unless metal door manufacturer has furnished built in box.

Templates, Strikes and Machine Screw Symbols

Use the following symbols, whenever possible, as a suffix to lockset numbers

Symbol	
MS	—Packed with machine screws, not made to template.
TMS	—To template and with machine screws.
CBS	—Cast box strike, only furnished when specified.
WBS	—Wrought box strike, only furnished when specified.
TSMS	—Template strike only, with machine screws.
TCBSMS	—Template cast box strike, with machine screws.
TWBSMS	—Template wrought box strike, with machine screws.
	—Template hardware packed with wood screws, use letter "W" in place of letter "M".

FIRE UNDERWRITERS' REQUIREMENTS

FOR UNDERWRITERS' LABELED SWINGING HOLLOW METAL AND METAL CLAD PANELED KALAMEIN FIRE DOORS

We have prepared for your convenience the following schedule and data which are subject to the approval of the authorities having jurisdiction.

For Hardware that is listed for use on Labeled Doors, refer to the latest "Underwriters' Laboratories List of Inspected Fire Protection Appliances" and "Regulations of the National Board of Fire Underwriters for the Protection of Openings in Walls and Partitions against Fire."

Hardware for Hollow Metal and Kalamein Fire Doors in Class B, C, D, or E Situations, not over 8 feet in height.

Single Doors

BUTTS—.134 ga. steel 4½"—Full Mortise, Half Surface or Full Surface—see note 1. or .180 ga. bronze 4½"—Full Mortise—see note 1.

*DOOR CLOSERS—Self-Closing or Heat Actuated (Fusible Link) Type —see note 2.

LOCKS—Single point Latch with ¾" throw;—
Nos. 184-9184, 185, 9185, 187, 9187, 792, 9792, 793, 9793, 797, 9797.

Doors in Pairs

BUTTS—.134 ga. steel 4½"—Full Mortise, Half Surface or Full Surface—see note 1. or .180 ga. bronze 4½"—Full Mortise—see note 1.

*DOOR CLOSERS—Self-Closing or Heat Actuated (Fusible Link) Type —see note 2.

ACTIVE DOOR—Single point Latch with ¾" throw;—
(VON DUPRIN No. 22¾, 24¾, NL24¾ and 2430¾ when used with Types B^2, V^1, and X.

INACTIVE DOOR—Top and Bottom Throw or Self-Latching Bolts;—
(VON DUPRIN No. 1127¾B^2, 61127¾V and 23127¾X.)

Co-ordinator or Interference Device (VON DUPRIN No. 1243 x 1244)—see note 3.

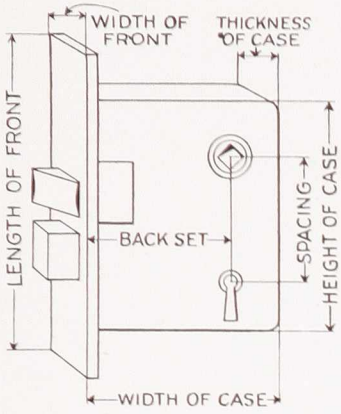
UNDERWRITERS' CLASSIFICATION AND MAXIMUM SIZE OF OPENINGS THAT MAY BE EQUIPPED WITH LABELED DOORS

Classification	Location of Openings	Hollow Metal Doors		Kalamein Doors	
		Single, Feet	In Pairs, Feet	Single, Feet	In Pairs, Feet
Class "A" Situations	In Fire Walls	4 x 10	8 x 10	Cannot bear Label	
Class "B" Situations	In Vertical Shafts	4 x 10	8 x 10	4 x 10	8 x 10
Class "C" Situations	In Corridor and Room Partitions				
Class "D" Situations	In Exterior Walls (Severe Fire Exposure)				
Class "E" Situations	In Exterior Walls (Moderate Fire Exposure)				
Class "D" Situations	To Exterior Fire Escapes (Severe Fire Exposure)	4 x 10	6 x 10	4 x 10	6 x 10
Class "E" Situations	To Exterior Fire Escapes (Moderate Fire Exposure)				

Notes referred to in above:

1. SPACING OF BUTTS—Doors not exceeding 5 feet in height are to be provided with at least two butts. Doors over 5 feet in height are to be provided with one butt for each 2½ feet in height or fraction thereof. BRONZE BUTTS can be used only when jamb of the frame is provided with a steel stud and rear edge of door with a steel socket or vice versa. One stud and socket to be provided for each butt.
2. DOOR CLOSERS—It is essential to determine from local authorities the exact type of Closing Mechanism which is considered satisfactory for a particular installation.
3. CO-ORDINATORS or INTERFERENCE DEVICES are not specifically mentioned in the Underwriters' Listings, but are considered as a part of the Inactive Door Hardware and deemed necessary so as to assure the closing of the inactive door first.
4. SURFACE APPLIED HARDWARE is to be secured to Kalamein Doors by bolting through door; to Hollow Metal Doors with Machine Screws into steel reinforcements on the inside of door stiles or rails.
5. DOORS EQUIPPED WITH ONLY PULLS AND PUSH PLATES (without latch) are not approved and will not bear Underwriters' Label. Certificate may be obtained should doors be constructed to Underwriters' specifications.
6. OVERLAPPING ASTRAGALS are required on both sides of doors in pairs in Class A Situations and on one side only of doors in pairs in Class B, C, D, or E Situations.
7. THE ULTIMATE PURPOSE of Hardware required for Underwriters Labeled Fire Doors is to assure that doors will close and latch and remain so during Fire Exposure.

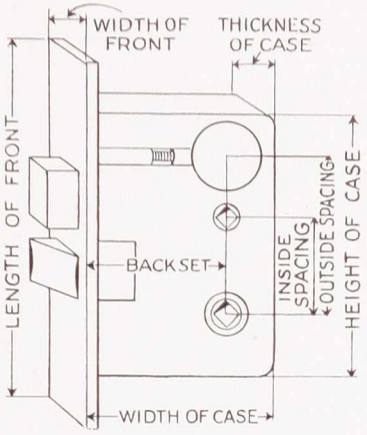
LOCK MEASUREMENTS



Bit Key Inside Locks

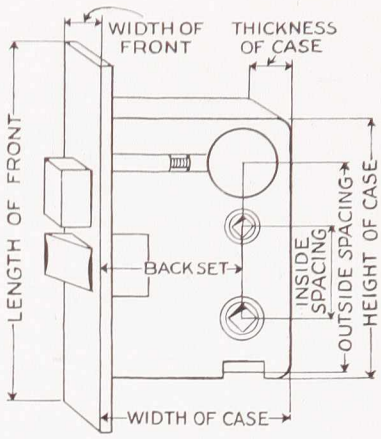
Bit Key Front Door Locks

Spacings of Bath and Communicating Locks are measured from centers of knob hub and turn knob hub.



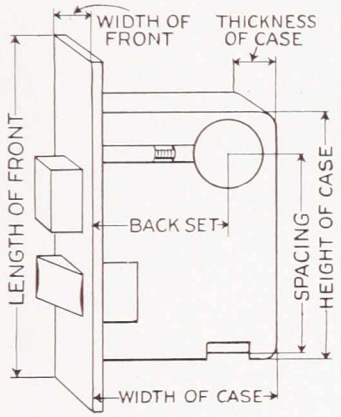
Cylinder Knob Front Door Locks.

Inside spacing of Cylinder Knob Front Door Locks with turn knob discs is measured from center of knob hub to center of disc spindle hole.



Cylinder Entrance Locks with Handle outside and Knob Trim Inside.

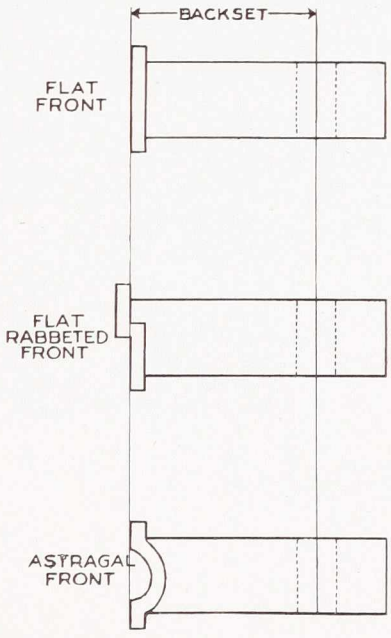
Inside spacing of Cylinder Entrance Locks with Turn Knob discs is measured from center of Knob Hub to center of disc spindle hole.

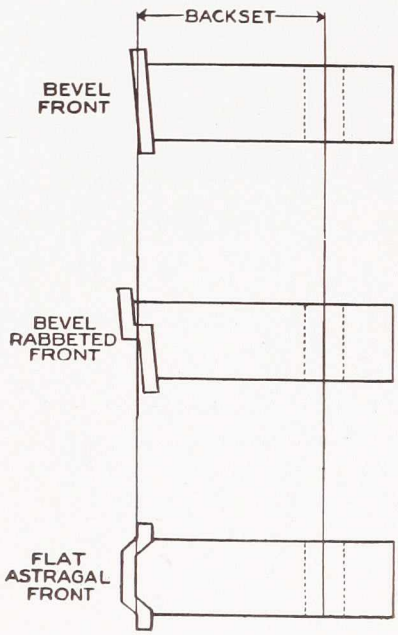


Cylinder Entrance Lock with two handles.

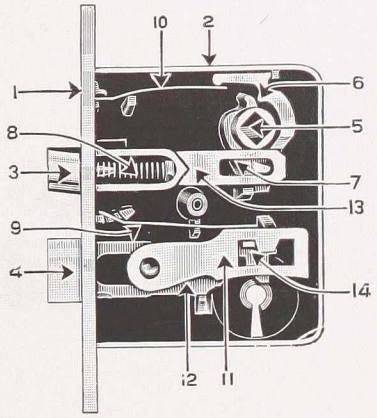
The spacing of Bit Key Handle Entrance Locks is measured from center of round part of key hole to bottom of lift.

POINTS FROM WHICH BACKSETS ARE MEASURED



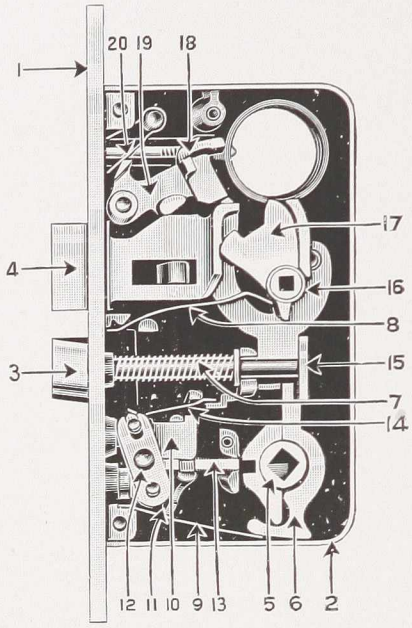


LOCK PARTS



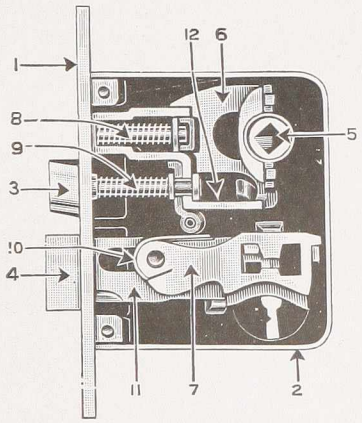
1. Front.
2. Case.
* 3. Latch Bolt.
† 4. Dead Bolt.
5. Knob Hub.
6. Knob Hub Lever.
7. Specify Part 5.
8. Latch Spring.
9. Tumbler Spring.
10. Knob Hub Lever Spring.
11. Tumbler.
†12. Dead Bolt Tail Piece, Specify No. 3.
*13. Latch Bolt Tail Piece, Specify No. 3.
14. Specify Part 12.
15. Cap—Not illustrated.
16. Bit Key—Not illustrated.
17. Strike—Not illustrated.

*Parts 3 and 13 are one piece.
†Parts 4 and 12 are one piece.



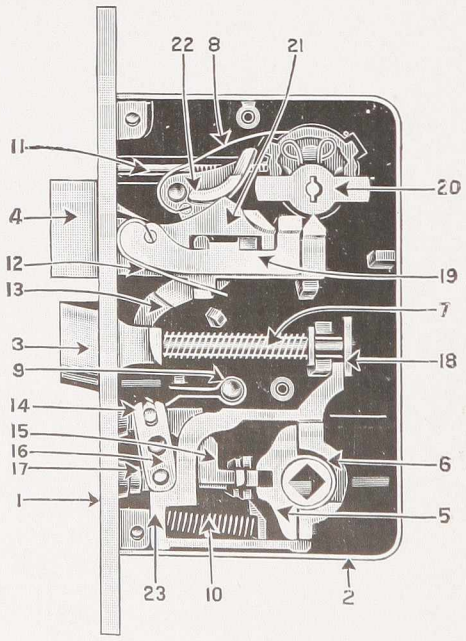
1. Front.
2. Case.
* 3. Latch Bolt.
† 4. Dead Bolt.
5. Top Knob Hub, Bottom Knob Hub.
6. Knob Hub Lever.
7. Latch Bolt Spring.
8. Turn Knob Hub Spring.
9. Knob Hub Lever Spring.
10. Top Stop.
11. Bottom Stop.
12. Stop Link.
13. Interior Knob Stop.
14. Stop Spring.
*15. Latch Bolt Tail Piece, Specify Part 3.
16. Draw Back.
17. Turn Knob Hub.
18. Cylinder Set Screw.
19. Draw Back Lever.
20. Draw Back Lever Spring.
21. Cap—Not illustrated.
22. Cylinder and Keys—Not illustrated.
23. Strike—Not illustrated.

*Parts 3 and 15 are one piece.



1. Front.
2. Case.
* 3. Latch Bolt.
† 4. Dead Bolt.
5. Knob Hub.
6. Draw Back.
7. Tumbler.
8. Draw Back Spring, Bar and Washer.
* 9. Latch Bolt Spring, Specify No. 3.
10. Tumbler Spring.
†11. Dead Bolt Tail Piece.
12. Specify Part 6, One Piece.
13. Cap—Not illustrated.
14. Bit Key—Not illustrated.
15. Strike—Not illustrated.

*Parts 3 and 9 are one piece.
†Parts 4 and 11 are one piece.



1. Front.
2. Case.
* 3. Latch Bolts.
† 4. Dead Bolt.
5. Top Knob Hub.
‡ 6. Bottom Knob Hub.
7. Latch Bolt Spring.
8. Draw Back Spring.
9. Top Stop Spring.
10. Draw Back Spring, Bar and Washer.
11. Cylinder Set Screw.
12. Tumbler Spring.
13. Draw Back Lever.
14. Top Stop, One Piece.
15. Top Stop, One Piece.
16. Stop Link.
17. Bottom Stop.
*18. Latch Bolt Tail Piece.
19. Tumbler.
20. Turn Knob Cam.
†21. Dead Bolt Tail Piece.
22. Draw Back.
‡23. Specify Part 6.
24. Cap—Not illustrated.
25. Cylinder and Keys—Not illustrated.
26. Strike—Not illustrated.

*Parts 3 and 18 are one piece.
†Parts 4 and 21 are one piece.
‡Parts 6 and 23 are one piece.

SUGGESTIONS REGARDING SCHEDULING AND SPECIFICATION WRITING

The selling of Builders' Hardware should be entrusted to men who are temperamentally fitted for close, careful, painstaking, detail work and who take great pride and interest in this highly specialized vocation. These men, of course, should have at their disposal attractive displays of samples, located if possible in well furnished sample rooms, suitable for the proper reception of architects and their clients as well as other prospective customers.

The Builders' Hardware man should have a broad knowledge of locks, trim, miscellaneous items, and their proper application. Next he should know how to interpret specifications and plans and be able to suggest the type of locks, design and hardware trim suitable for a particular building, as well as to make up a schedule covering all hardware required.

For the benefit of the Builders' Hardware man who may have a limited knowledge of plans and specifications, we offer the following suggestions.

First read the specifications carefully, especially those under the headings of "Hardware Carpentry" and "Metal Contractor", because frequently there are paragraphs in different parts of a specification which may affect the hardware. Some architects specify the hardware required for different types of openings by an itemized specification using a manufacturers' numbers for comparative purposes, or by giving a general description of the class of hardware required, or by stating a dollar value allowance for all hardware complete. The last method is not satisfactory because very rarely is the allowance enough to provide for the purchase of the class of hardware in keeping with the building.

The plans are drawn showing "elevations" (view of outside walls as the building will look when complete or inside walls showing all openings and interior trim) and "floor plans" giving layout of each floor. Detailed drawings showing doors, cabinets, etc., are usually included on the original plans and when they are shown, take precedence over floor or elevation drawings. If a full size drawing is furnished it takes precedence over all other drawings. Should there be a contradiction of any consequence, the architect should be consulted before proceeding. Plans are usually drawn to a scale of ⅛-inch equalling 1 foot or ¼-inch equalling 1 foot, which can be scaled for size, but for hardware that is manufactured to exact size, such as kick plates, push and pull bars and exit bolts, it is safer to check with the architect, contractor, or to secure measurements at the building when possible.

When you begin to "take off" hardware from plans, fewer chances for errors will occur if you establish a definite routine and follow it. For example, start with the floor plan of basement, listing exterior doors first; then follow around the basement listing all doors, cabinets and windows. Start next with the first floor, listing the main entrance door first, then follow around listing each door in main section, followed by the listing of all other doors. After doors are listed start with cabinets and follow with casement windows and double-hung windows. Use this routine for all other floors, the only exception being that when "taking off" an apartment, hotel, etc., where there is a typical arrangement either by apartments or floors, in which case group under one heading all openings which are alike. It is advisable, when listing openings, to include them all; and under openings not in hardware contract make a note, "Not in this contract"; then if a controversy develops you are protected.

When listing different openings, fill in complete details if they are shown and it will save considerable time afterwards, especially if door closers or push bars, etc., are to be ordered. The size already would be listed on the schedule and would not have to be looked up, or if a door size should be changed without your knowledge and the hardware furnished would not fit, you could easily determine from your schedule that it was not your fault, entitling you to an "extra" if any expense was incurred.

DOOR DETAILS

Check doors for width, height, thickness, width of stile, hand; and the edge of the lock stile for type of lock front, whether flat, angle or bevel, rabbet, astragal or rounded edge. Check width and thickness, together with the projection of the door frame trim and the degree the door will open. Determine the size of butts required. The width of the lock stile will determine the backset of the lock, the size of escutcheon and knob, pull or lever, which must clear the door frame stop when door is opened and closed. The center of the keyhole, cylinder hole or knob hub should be in the center of the lock stile. Other details to check are the height, which determines the length of cremone or flush bolts, should they be required; the thickness, which determines the length of cylinder and spindle and width of lock front; and the hand, which determines the bevel required on latch bolts. Check door trim to determine length of lip of strike so that latch bolt will not come in contact with the wood. To determine the proper length of lip, draw a line on the door frame rebate from where the center of edge of door would be when

closed to a point half the distance that the trim projects from the plastered wall. Note if there are any operating transoms over doors. Check sliding doors for length of run of track; also whether single or double astragal, to determine the type of lock front. Check fire doors to determine if tin clad, kalamein or metal and if fire underwriters' hardware is required.

WINDOW DETAILS

Note meeting rails where sash fasteners are applied and bottom rail and sill to see if there is space enough for standard hardware. If there are inside screens, check space between bottom rail of sash and screen to determine type of sash lift required.

FRENCH OR CASEMENT WINDOWS

Note hand and whether swing is in or out; the width and thickness of the vertical rails or meeting rails or pairs of sash; also the type of meeting rail, if rabbeted, etc. Check bottom rail and stool for casement adjusters. If cremone bolts are used, give height and detail of sill and head for strikes. Also check for height of operating knob or lever.

CABINETS

Details should be very carefully checked for projecting mouldings which are often used for adornment but necessitate larger size butts. Note latch rails and edge of doors to determine type of latch; also if doors are flush or offset and the hand or swing of door. Check drawers for thickness and band moulds in case locks are used, the thickness for length of nose and the moulds for drop of lock. Check for medicine cabinets, milk cabinets, secret doors and panels, pipe shafts, hose cabinets, switch boxes, plumbing cabinets, shoe cabinets, window seats, radiator enclosures and clothes chutes.

SHUTTERS

Check details of window casings for proper size hinges or butts to assure enough throw to allow shutters to lie against wall.

SKYLIGHTS

Check for operating skylights to determine type of operator and hinges if any are required.

TRANSOMS

Check details for information called for on Page No. 219 in order to select proper transom lifter, if to be used.

SPECIFICATION WRITING

Architects often require a complete specification for the Finishing Hardware and in order to provide this the Builders' Hardware Expert is frequently requested to recommend the hardware best suited for the work under consideration, and to prepare a complete specification showing what material will be required.

The same process of scheduling is followed and the details consulted to make sure that the hardware being specified will fit the details drawn. Where the details require special material, involving additional cost, this item should be referred to the Architect for a decision, as sometimes a slight change in the details will eliminate the extra cost.

Before listing the openings requiring hardware it is necessary that information be obtained indicating for what purpose each room will be used. This, in most cases, is shown on the plans, as the use of each room is usually determined on the preliminary drawing layout.

After listing the openings and noting their designation, the correct hardware required for every type of opening may be selected from builders' hardware catalogs, as practically every builders' hardware manufacturer catalogs his product according to function of locks and architectural schools of design for ornamental surface trimmings.

The details are then consulted so that any conditions requiring special hardware will be included in the list or schedule and to determine that the hardware selected will fit all details.

With this information noted and listed in order, it is then possible to prepare either a descriptive specification or a schedule specification.

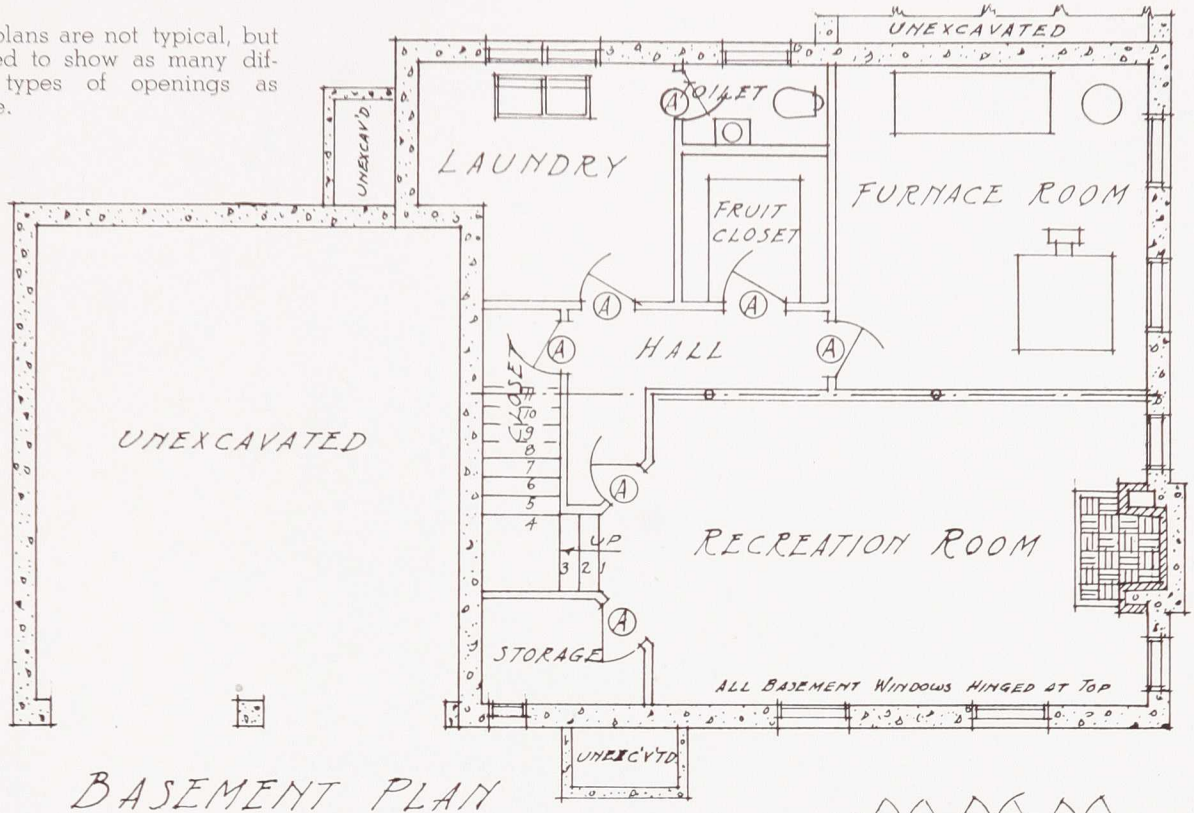
A descriptive specification does not specify the required hardware by any manufacturer's catalog list numbers but describes the hardware in complete written detail, listing the sizes, operation, design, finish and material.

In the schedule type of specification, it is necessary to show under each opening, or each character of opening, the type of hardware required, by listing some manufacturer's comparable products, by catalog numbers.

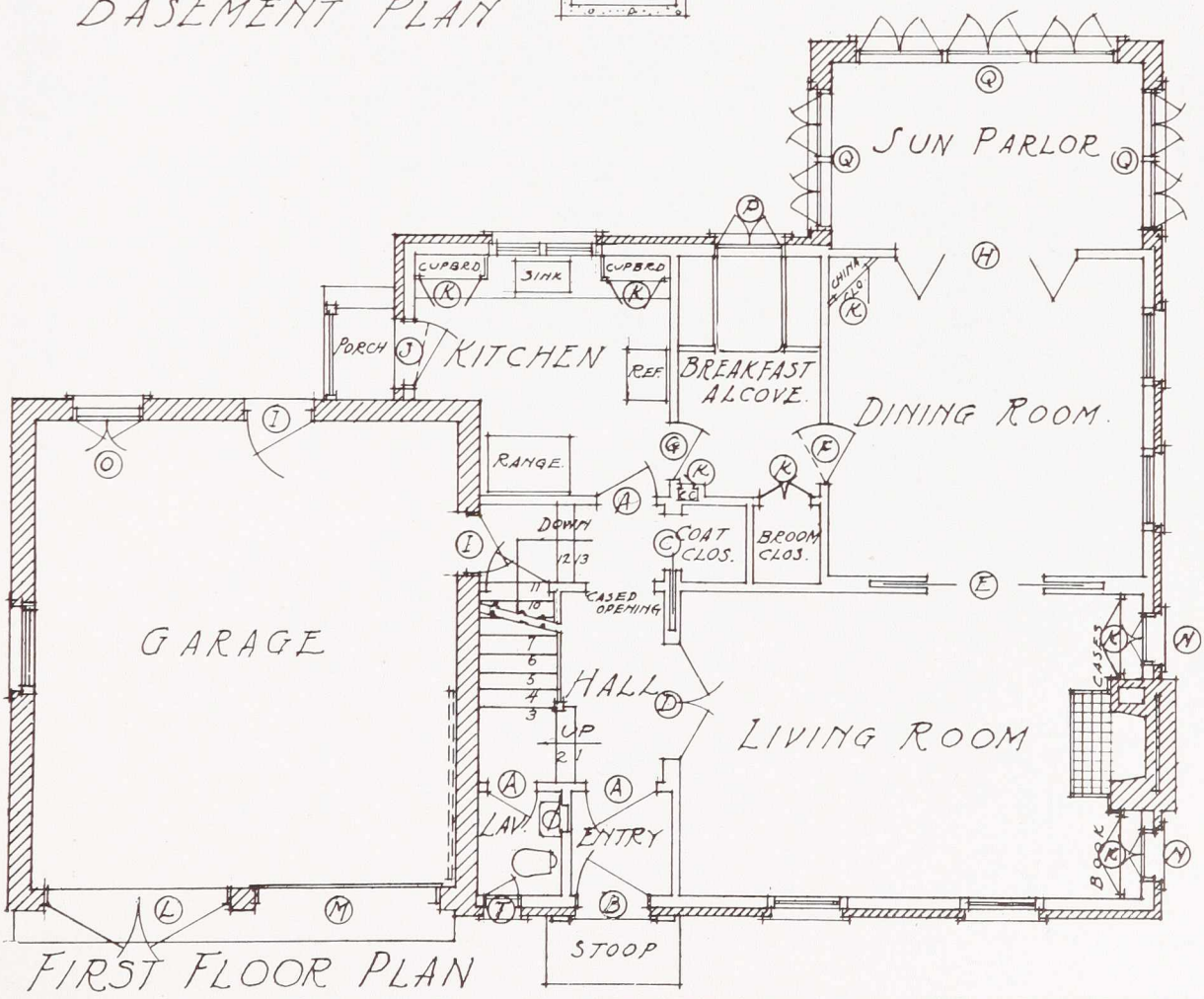
SUGGESTED METHOD OF COMPILING A HARDWARE SCHEDULE FROM PLANS

(See Page Numbers 66A, 67A and 68A for schedule)

These plans are not typical, but arranged to show as many different types of openings as possible.



BASEMENT PLAN



FIRST FLOOR PLAN

SUGGESTED METHOD OF COMPILING A HARDWARE SCHEDULE FROM PLANS

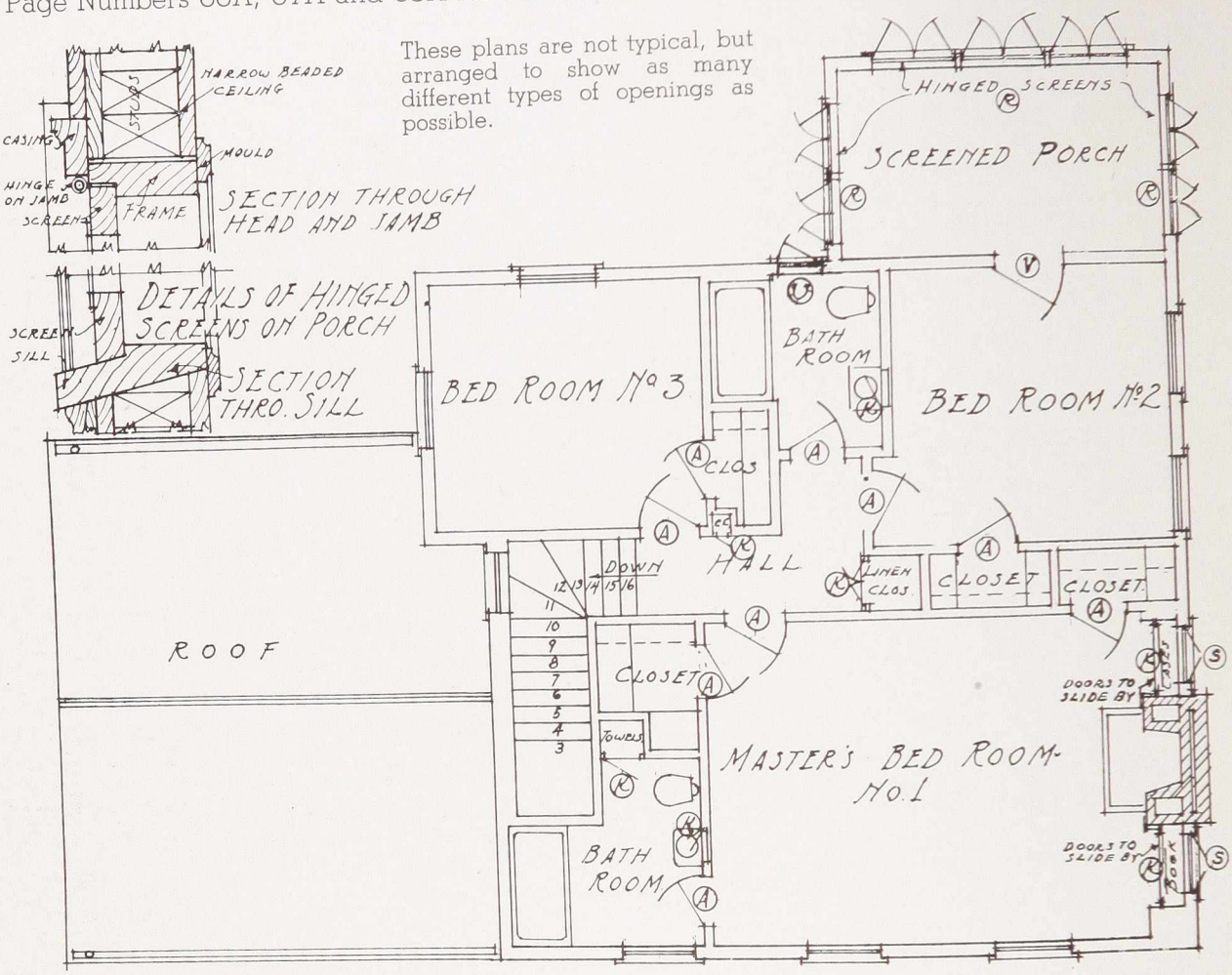
(See Page Numbers 66A, 67A and 68A for schedule)

These plans are not typical, but arranged to show as many different types of openings as possible.

SECTION THROUGH HEAD AND JAMB

DETAILS OF HINGED SCREENS ON PORCH

SECTION THRO. SILL

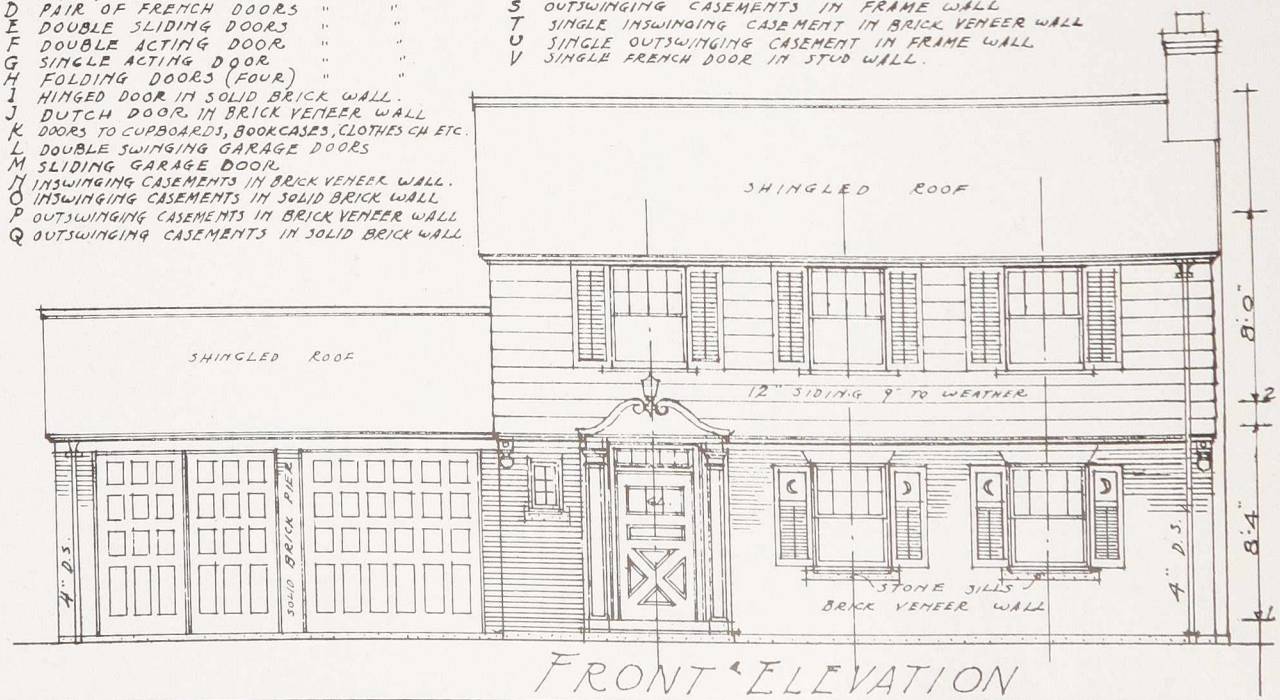


SECOND FLOOR PLAN

SCHEDULE OF DOORS AND CASEMENT WINDOWS.

A GENERAL HINGED DOORS IN STUD PARTITIONS
B FRONT ENTRANCE DOOR " "
C SINGLE SLIDING DOOR " "
D PAIR OF FRENCH DOORS " "
E DOUBLE SLIDING DOORS " "
F DOUBLE ACTING DOOR " "
G SINGLE ACTING DOOR " "
H FOLDING DOORS (FOUR) " "
I HINGED DOOR IN SOLID BRICK WALL.
J DUTCH DOOR IN BRICK VENEER WALL
K DOORS TO CUPBOARDS, BOOKCASES, CLOTHES CH ETC.
L DOUBLE SWINGING GARAGE DOORS
M SLIDING GARAGE DOOR
N INSWINGING CASEMENTS IN BRICK VENEER WALL.
O INSWINGING CASEMENTS IN SOLID BRICK WALL
P OUTSWINGING CASEMENTS IN BRICK VENEER WALL
Q OUTSWINGING CASEMENTS IN SOLID BRICK WALL

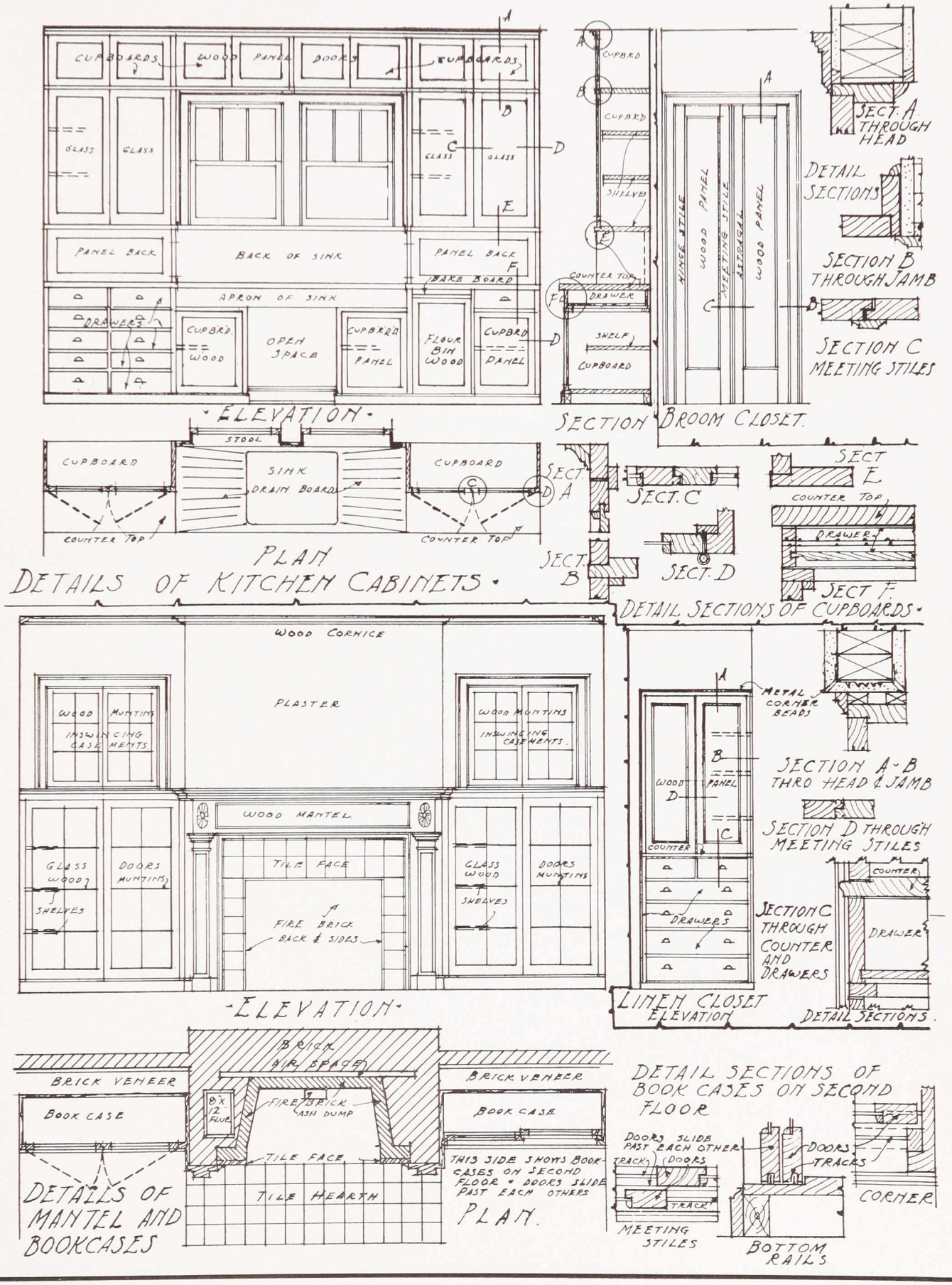
R OUTSWINGING HINGED SCREENS IN FRAME WALLS
S OUTSWINGING CASEMENTS IN FRAME WALL
T SINGLE INSWINGING CASEMENT IN BRICK VENEER WALL
U SINGLE OUTSWINGING CASEMENT IN FRAME WALL
V SINGLE FRENCH DOOR IN STUD WALL.



FRONT ELEVATION

SUGGESTED METHOD OF COMPILING A HARDWARE SCHEDULE FROM PLANS

(See Page Numbers 66A, 67A and 68A for schedule)



METHOD OF TABULATING OPENINGS

The following list is scheduled from plans on Pages Nos. 63A-64A and 65A and suggests the method of tabulating the openings and hardware requirements.

HARDWARE SCHEDULE
For
Owner's Name.....**Type Construction**.....
Street Address.....**City**.....
Architect's Name.....
Architect's Address.....

KEYING INSTRUCTIONS

All Cylinder Locks to be master keyed in one set:
Main Entrance Door—Set "A"
Service Entrance Door—Set "B"
Garage Entrance Doors—Set "C"
Grade Entrance Door—Set "D"
Fruit Closet Door—Set "E"
Set "A"—Keys to act as master keys on Sets B, C, D and E.
Set "B"—Keyed alike, but different from Sets A, C, D and E.
Set "C"—Different from Sets A, B, D and E.
Set "D"—Different from Sets A, B C and E.
Set "E"—Different from Sets A, B, C and D.
3 Only, Cylinder Lock Master Keys.
All Bit Key Locks Master Keyed in One Set—Sets "F".
3 Only, Bit Key Master Keys.

BASEMENT

ITEM 1—1 Door, A, Recreation Room to Hall, R.H.
2'8"x7'0"x1⅜"x5" Stile
1½ Pr. (Insert No.) Butts, Finish
1 Only " " Bit Key Lockset, Finish
1 Only " " Base Door Stop, Finish

ITEM 2—1 Door, A, Recreation Room to Storage, R.H.
3'0"x7'0"x1⅜"x5" Stile
1½ Pr. (Insert No.) Butts, Finish
1 Only " " Bit Key Lockset, Finish
1 Only " " Base Door Stop, Finish

ITEM 3—1 Door, A, Hall to Closet, R.H.
2'6"x6'8"x1⅜"x5" Stile
1½ Pr. (Insert No.) Butts, Finish
1 Only " " Bit Key Lockset, Finish
1 Only " " Base Door Stop, Finish

ITEM 4—1 Door, A, Hall to Laundry Room, R.H.
2'6"x6'8"x1⅜"x5" Stile
1½ Pr. (Insert No.) Butts, Finish
1 Only " " Bit Key Lockset, Finish
1 Only " " Base Door Stop, Finish

ITEM 5—1 Door, A, Hall to Fruit Closet, R.H.
2'6"x6'8"x1⅜"x5" Stile
1½ Pr. (Insert No.) Butts, Finish
1 Only " " Bit Key Lockset, Finish
1 Only " " Rim Cyl. Night Latch, Set "E", Finish
1 Only " " Floor Door Stop, Finish

ITEM 6—1 Door, A, Hall to Furnace Room, R.H.
2'6"x6'8"x1⅜"x5" Stile
1½ Pr. (Insert No.) Butts, Finish
1 Only " " Bit Key Lockset, Finish
1 Only " " Base Door Stop, Finish

ITEM 7—1 Door, A, Laundry Room to Toilet, L.H.
2'6"x6'8"x1⅜"x5" Stile
1½ Pr. (Insert No.) Butts, Finish
1 Only " " Turn Knob Lockset, Finish
1 Only " " Base Door Stop, Finish

ITEM 8—4 Top Hinged Sash in Recreation Room
ITEM 9—1 Top Hinged Sash in Storage Room
ITEM 10—2 Top Hinged Sash in Laundry Room
ITEM 11—2 Top Hinged Sash in Furnace Room
9 Pr. (Insert No.) Butts, Finish
9 Only " " Sash Fasteners, Finish
9 Only " " Hooks and Eyes

ITEM 12—1 Top Hinged Sash in Toilet
1 Pr. (Insert No.) Butts, Finish
1 Only " " Sash Fastener, Finish
1 Only " " Hook and Eye

Suggest Coal Chute for Furnace Room.
Suggest Basement Stancheons.
Suggest Bell Traps.

FIRST FLOOR

ITEM 13—1 Main Entrance Door, B, to Entry, R.H., and Transom
3'0"x7'0"x2¼"x5½" Stile
1½ Pr. (Insert No.) Butts, Finish
1 Only " " Cylinder Lockset, Set "A", Finish
1 Only " " Door Knocker, Finish
1 Only " " Push Button, Finish
1 Only " " Letter Chute, Finish
3 Only " " Numerals, Finish
1 Only " " Chain Door Fastener, Finish
1 Only " " Base Door Stop, Finish
1 Pr. " " Transom Butts or Centers, Finish
1 Only " " Transom Operator or Lifter, Finish

ITEM 14—1 Service Entrance Door, J, Porch to Kitchen, R.H.
3'0"x7'0"x1¾"x5" Stile
1½ Pr. (Insert No.) Butts, Finish
1 Only " " Cylinder Lockset, Set "B", Finish
1 Only " " Base Door Stop, Finish
1 Only " " Chain Door Fastener, Finish

ITEM 15—1 Rear Entrance Door, I, to Garage, L.H.
3'0"x7'0"x1¾"x5" Stile
1½ Pr. (Insert No.) Butts, Finish
1 Only " " Cylinder Lockset, Finish, Set "C"
1 Only " " Base Door Stop, Finish

ITEM 16—1 Kalamein Door, I, Garage to Grade Entrance, L.H.
3'0"x7'0"x1¾"x5" Stile
1½ Pr. (Insert No.) Butts, Finish
1 Only " " Cylinder Lockset, Finish, Set "D"
1 Only " " Fusible Link Door Closer, Finish

ITEM 17—1 Door, A, Entry from Hall, R.H. R.B.
3'0"x7'0"x1¾"x5" Stile
1½ Pr. (Insert No.) Butts, Finish
1 Only " " Bit Key Lockset, Finish
1 Only " " Base Door Stop, Finish

ITEM 18—1 Pair French Doors, D, Hall to Living Room, R.H.
2'6"x7'0"x1¾"x3" Stiles
3 Pr. (Insert No.) Butts, Finish
1 Only " " Top, Flush Bolt, Finish
1 Only " " Bottom, Flush Bolt, Finish
1 Only " " Bit Key—1½"BS Lockset, Finish
1 Only " " Dummy Trim, Finish
2 Only " " Base Door Stops, Finish

ITEM 19—1 Door, A, Hall to Lavatory, R.H.
2'4"x6'8"x1¾"x5" Stile
1½ Pr. (Insert No.) Butts, Finish
1 Only " " Turn Knob Lockset, Finish
1 Only " " Door Closer, Finish

ITEM 20—1 Set, Double Sliding Doors, E, between Living Room and Dining Room
3'0"x7'0"x1¾"x5" Stile
1 Set (Insert No.) Track and Hangers
1 Only " " Double Sliding Door Lockset, Finish

ITEM 21—1 Set, Two Fold Doors, H, Dining Room to Sun Parlor
2'0"x6'8"x1¾"x3" Stiles
6 Pr. (Insert No.) Butts, Finish
3 Only " " Top, Flush Bolts, Finish
3 Only " " Bottom, Flush Bolts, Finish
1 Only " " Bit Key Lockset, Finish
1 Only " " Dummy Trim, Finish
1 Only " " Base Door Stop, Finish
1 Only " " Floor Door Stop, Finish

METHOD OF TABULATING OPENINGS (Con't)

ITEM 22—1 Double Acting Door, F, between Dining Room and Breakfast Alcove
2'8"x6'8"x1¾"x5" Stile
1 Only (Insert No.) Double Acting Floor Hinge, Finish
2 Only " " Push Plates, Cut for Bit Key, Finish
1 Only " " Bit Key Dead Lock, Finish

ITEM 23—1 Single Sliding Door, C, Hall to Coat Closet
2'6"x6'8"x1¾"x5" Stile
1 Set (Insert No.) Track and Hangers
1 Only " " Single Sliding Door Lockset, Finish

ITEM 24—1 Door, A, Hall to Kitchen, L.H.
2'8"x6'8"x1¾"x5" Stile
1½ Pr. (Insert No.) Butts, Finish
1 Only " " Bit Key Lockset, Finish
1 Only " " Door Closer, Finish
1 Only " " Door Holder, Finish

ITEM 25—1 Door Grade Landing from Basement Stairs, L.H. R.B.
2'8"x6'8"x1¾"x5" Stile
1½ Pr. (Insert No.) Butts, Finish
1 Only " " Bit Key Lockset, Finish
1 Only " " Mortise Door Bolt, Finish

ITEM 26—1 Door, G, Kitchen to Breakfast Alcove, R.H.
2'8"x6'8"x1¾"x5" Stile
1½ Pr. (Insert No.) Butts, Finish
1 Only " " Bit Key Lockset, Finish
1 Only " " Base Door Stop, Finish

CABINETS

ITEM 27—Book Cases in Living Room
2 Pr. Doors, K—RH, 1⅛"
4 Pr. (Insert No.) Butts, Finish
4 Only " " Friction Catches, Finish
4 Only " " Knobs, Finish
32 Ft. " " Pilaster Strip
24 Only " " Shelf Supports

ITEM 28—China Cabinet
1 Single Door, K—RH, 1⅛"
1 Pr. (Insert No.) Butts, Finish
1 Only " " Friction Catch, Finish
1 Only " " Knob, Finish

ITEM 29—1 Cabinet in Lavatory, L.H., ⅞"
1 Pr. (Insert No.) Butts, Finish
1 Only " " Friction Catch, Finish
1 Only " " Knob, Finish

ITEM 30—Kitchen Cupboards
6 Pr. Doors, K, 1⅛"
3 Sgl. Doors, K, 1⅛"
1 Flour Bin, 1⅛"
11 Drawers, ⅞"
15 Pr. (Insert No.) Butts, Finish
1 Pr. " " Butts, Finish
6 Only " " Elbow Catches, Finish
9 Only " " Cupboard Turns, Finish
12 Only " " Drawer Pulls, Finish

ITEM 31—Broom Closet in Breakfast Room
1 Pr. Doors, K, 1⅛"
3 Pr. (Insert No.) Butts, Finish
1 Only " " Top Bolt, Finish
1 Only " " Bottom Bolt, Finish
1 Only " " Cupboard Turn, Finish

ITEM 32—Clothes Chute Door, K, in Breakfast Alcove, ⅞"
1 Pr. (Insert No.) Butts, Finish
1 Only " " Cupboard Turn, Finish

WINDOWS

ITEM 33—2 Double Hung Windows in Living Room

ITEM 34—2 Double Hung Windows in Dining Room
4 Only (Insert No.) Sash Fasteners, Finish
8 Only " " Sash Lifts, Finish
4 Doz. " " Stop Screws and Washers, Finish

ITEM 35—2 Pr. Casement Windows, N, in Living Room R.H. Inswinging, 1¾"
4 Pr. (Insert No.) Butts, Finish
2 Only " " Top Bolts, Finish
2 Only " " Bottom Bolts, Finish
2 Only " " Casement Fasteners, Finish
4 Only " " Casement Adjusters, Finish

ITEM 36—7 Pr. Casement Windows, Q, in Sun Parlor R.H., Outswinging, 1¾"
14 Pr. (Insert No.) Butts, Finish
7 Only " " Top Bolts, Finish
7 Only " " Bottom Bolts, Finish
7 Only " " Casement Fasteners, Finish
14 Only " " Casement Adjusters, Finish

ITEM 37—1 Single Casement Window, T, in Lavatory R.H., Inswinging, 1⅜"
1 Pr. (Insert No.) Butts, Finish
1 Only " " Casement Fastener, Finish
1 Only " " Casement Adjuster, Finish

ITEM 38—1 Pr. Casement Windows, P, in Breakfast Alcove
R.H., Outswinging, 1¾"
2 Pr. (Insert No.) Butts, Finish
1 Only " " Top Bolt, Finish
1 Only " " Bottom Bolt, Finish
1 Only " " Casement Fastener, Finish
2 Only " " Casement Adjusters, Finish

ITEM 39—2 Double Hung Windows in Kitchen
2 Only (Insert No.) Sash Fasteners, Finish
4 Only " " Sash Lifts, Finish
2 Doz. " " Stop Screws and Washers, Finish

SECOND FLOOR

ITEM 40—1 Door, A, Hall to Master's Bed Room, No. 1, R.H.

ITEM 41—1 Door, A, Hall to Bed Room, No. 2, R.H.

ITEM 42—1 Door, A, Hall to Bed Room, No. 3, R.H.
2'8"x6'8"x1¾"x5" Stile
4½ Pr. (Insert No.) Butts, Finish
3 Only " " Bit Key Locksets, Finish
3 Only " " Base Door Stops, Finish

ITEM 43—1 Door, A, Hall to Bathroom, L.H.
2'8"x6'8"x1¾"x5" Stile
1½ Pr. (Insert No.) Butts, Finish
1 Only " " Turn Knob Lockset, Finish
1 Only " " Base Door Stop, Finish

ITEM 44—1 Door, A, Master's Bed Room No. 1 to Bath, L.H.
2'8"x6'8"x1¾"x5" Stile
1½ Pr. (Insert No.) Butts, Finish
1 Only " " Turn Knob Lockset, Finish
1 Only " " Base Door Stop, Finish

ITEM 45—2 Doors, A, Master's Bed Room No. 1 from Closets, 1 R.H. R.B.—1 L.H. R.B.

ITEM 46—1 Door, A, Bedroom No. 2 from Closet, R.H. R.B.

ITEM 47—1 Door, A, Bed Room No. 3 from Closet, R.H. R.B.
2'8"x6'8"x1¾"x5" Stile
6 Pr. (Insert No.) Butts, Finish
4 Only " " Bit Key Locksets, Finish
4 Only " " Base Door Stops, Finish
6 Doz. " " Coat and Hat Hooks, Finish

ITEM 48—1 Single French Door, V, Bed Room No. 2 from Screened Porch, L.H. R.B.
2'8"x6'8"x1¾"x3" Stile
1½ Pr. (Insert No.) Butts, Finish
1 Only " " Turn Knob Lockset, Finish

METHOD OF TABULATING OPENINGS (Con't)

CABINETS

ITEM 49—Linen Cabinet in Hall
1 Pr. Doors, K, 1⅛"
6 Drawers
2 Pr. (Insert No.) Butts, Finish
1 Only " " Top Bolt, Finish
1 Only " " Bottom Bolt, Finish
1 Only " " Cupboard Turn, Finish
10 Only " " Drawer Pulls, Finish

ITEM 50—Clothes Chute Door in Hall, ⅞"
1 Pr. (Insert No.) Butts, Finish
1 Only " " Friction Catch, Finish
1 Only " " Knob, Finish

ITEM 51—Book Cases in Master's Bed Room No. 1
2 Per. Sliding Doors, K, ⅞"
16 Ft. (Insert Nos.) Show Case Track
8 Only " " Show Case Sheaves
4 Only " " Flush Pulls, Finish
32 Ft. " " Pilaster Strip
24 Only " " Shelf Supports

ITEM 52—Towel Cabinet in Bath
1 Single Door, K, 1⅛"
1 Pr. (Insert No.) Butts, Finish
1 Only " " Cupboard Turn, Finish

ITEM 53—2 Medicine Cabinets in Baths
2 Single Doors, ⅞"
2 Pr. (Insert No.) Butts, Finish
2 Only " " Friction Catches, Finish
2 Only " " Knob, Finish

WINDOWS

ITEM 54—2 Pr. Casement Windows, S, Master's Bed Room No. 1
R.H., Outswinging, 1¾"
4 Pr. (Insert No.) Butts, Finish
2 Only " " Top Bolts, Finish
2 Only " " Bottom Bolts, Finish
2 Only " " Casement Fasteners, Finish
4 Only " " Casement Adjusters, Finish

ITEM 55—1 Single Casement Window, U, Bathroom
R.H., Outswinging, 1¾"
1 Pr. (Insert No.) Butts, Finish
1 Only " " Casement Fastener, Finish
1 Only " " Casement Adjuster, Finish

ITEM 56—1 D-H Window, Stair Hall

ITEM 57—2 D-H Windows, Master's Bed Room No. 1

ITEM 58—2 D-H Windows, Bed Room No. 2

ITEM 59—2 D-H Windows, Bed Room No. 3
7 Only (Insert No.) Sash Fasteners, Finish
14 Only " " Sash Lifts, Finish
7 Doz. " " Stop Screws and Washers, Finish

ITEM 60—1 D-H Window, Bath
1 Only (Insert No.) Sash Fastener, Finish
2 Only " " Sash Lifts, Finish
1 Only " " Stop Screws and Washers, Finish

ITEM 61—7 Pr. Hinged Screens, R, in Screened Porch Outswinging
14 Pr. (Insert No.) Hinges, Finish
7 Only " " Top Bolts, Finish
7 Only " " Bottom Bolts, Finish
7 Only " " Fasteners, Finish

ITEM 62—26 Top Hung Screens
26 Sets (Insert No.) Screen Hangers, Finish
26 Pr. " " Screen Adjusters, Finish

ITEM 63—10 Single Hinged Screens in Outswinging Casement Window Openings
10 Pr. (Insert No.) Butts, Finish
10 Only " " Fasteners, Finish

ITEM 64—1 Combination Screen Door, Main Entrance, R.H. R.B.
3'0"x7'0"x1⅛"x5" Stile
1½ Pr. (Insert No.) Butts, Finish
1 Only " " Cylinder Screen Door Lockset, Finish, Set "A"
1 Only " " Screen Door Closer, Finish

ITEM 65—1 Screen Door Service Entrance, Porch to Kitchen, R.H. R.B.

ITEM 66—1 Screen Door, Garage, from Grade Landing, L.H. R.B.
2 Pr. (Insert No.) Butts, Finish
2 Only " " Screen Door Catches, Finish
2 Only " " Screen Door Closers, Finish

ITEM 67—4 Pr. Shutters in Brick Wall
4 Sets (Insert No.) Shutter Hinges, Finish
4 Sets " " Shutter Fasteners, Finish
4 Pr. " " Shutter Holders, Finish

ITEM 68—7 Pr. Shutters in Frame Wall
7 Sets (Insert No.) Shutter Hinges, Finish
7 Sets " " Shutter Fasteners, Finish
7 Pr. " " Shutter Holders, Finish

ITEM 69—Miscellaneous
6 Only (Insert No.) Hand Rail Brackets, Finish

GARAGE

ITEM 70—1 Pr. Hinged Doors, 2¼"

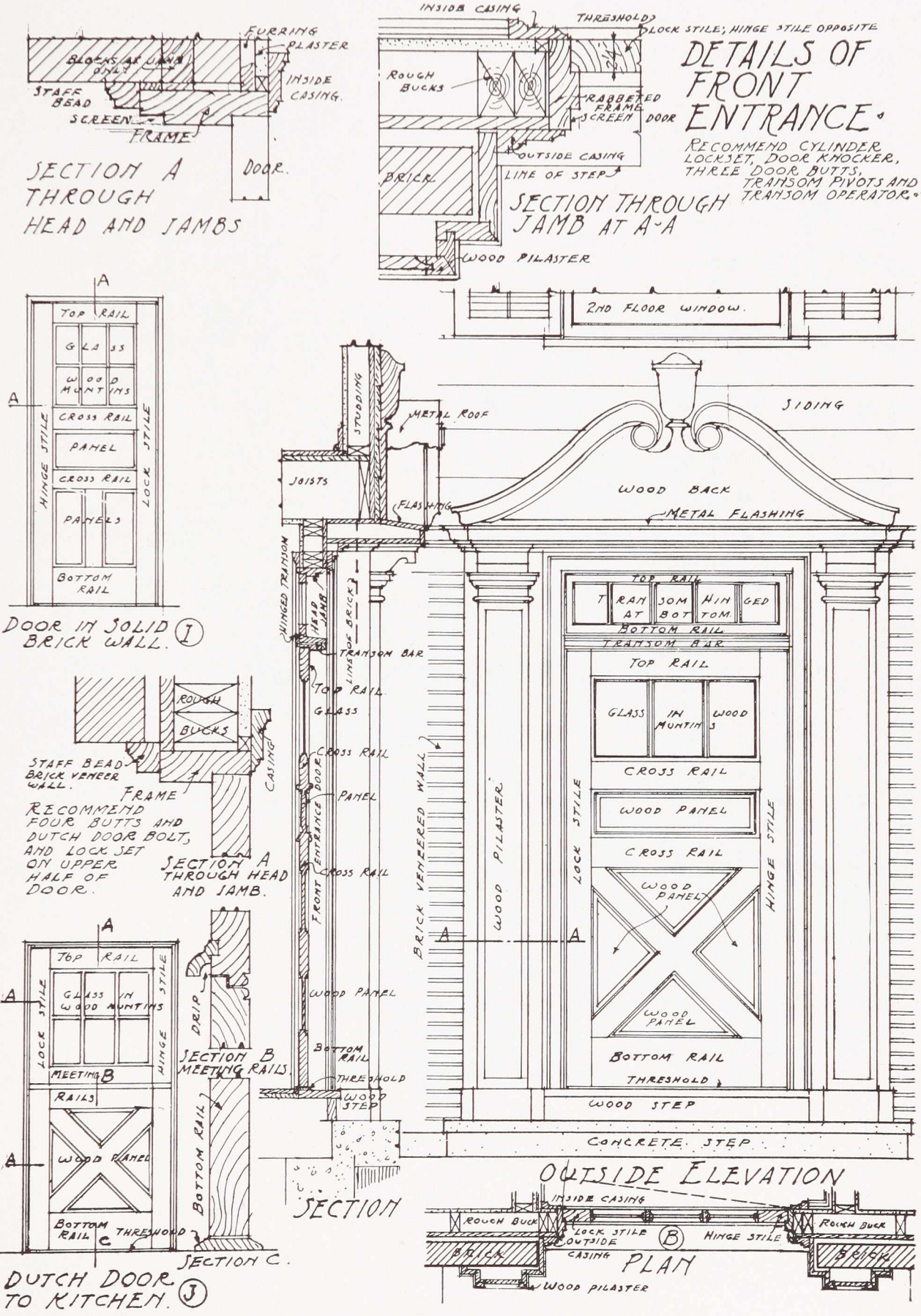
ITEM 71—1 Single Sliding Door, M, 1¾"
2 Pr. (Insert No.) 24" Hinges, Finish
1 Pr. " " 18" Hinges, Finish
1 Only " " Foot Bolt, Finish
1 Only " " Chain Bolt, Finish
2 Only " " Door Holders, Finish
1 Only " " Thumb Latch, Finish
1 Only " " Door Pull, Finish
1 Only " " Cylinder Dead Lock, Finish, Set "C"
16 Ft. " " Track
1 Only " " Curve
2 Only " " End Brackets
6 Only " " Center Brackets
2 Only " " Hangers
1 Only " " Flush Pull
1 Only " " Door Pull
1 Only " " Guide Roller
1 Only " " Cylinder Sliding Door Lock, Finish, Set "C"

WINDOWS

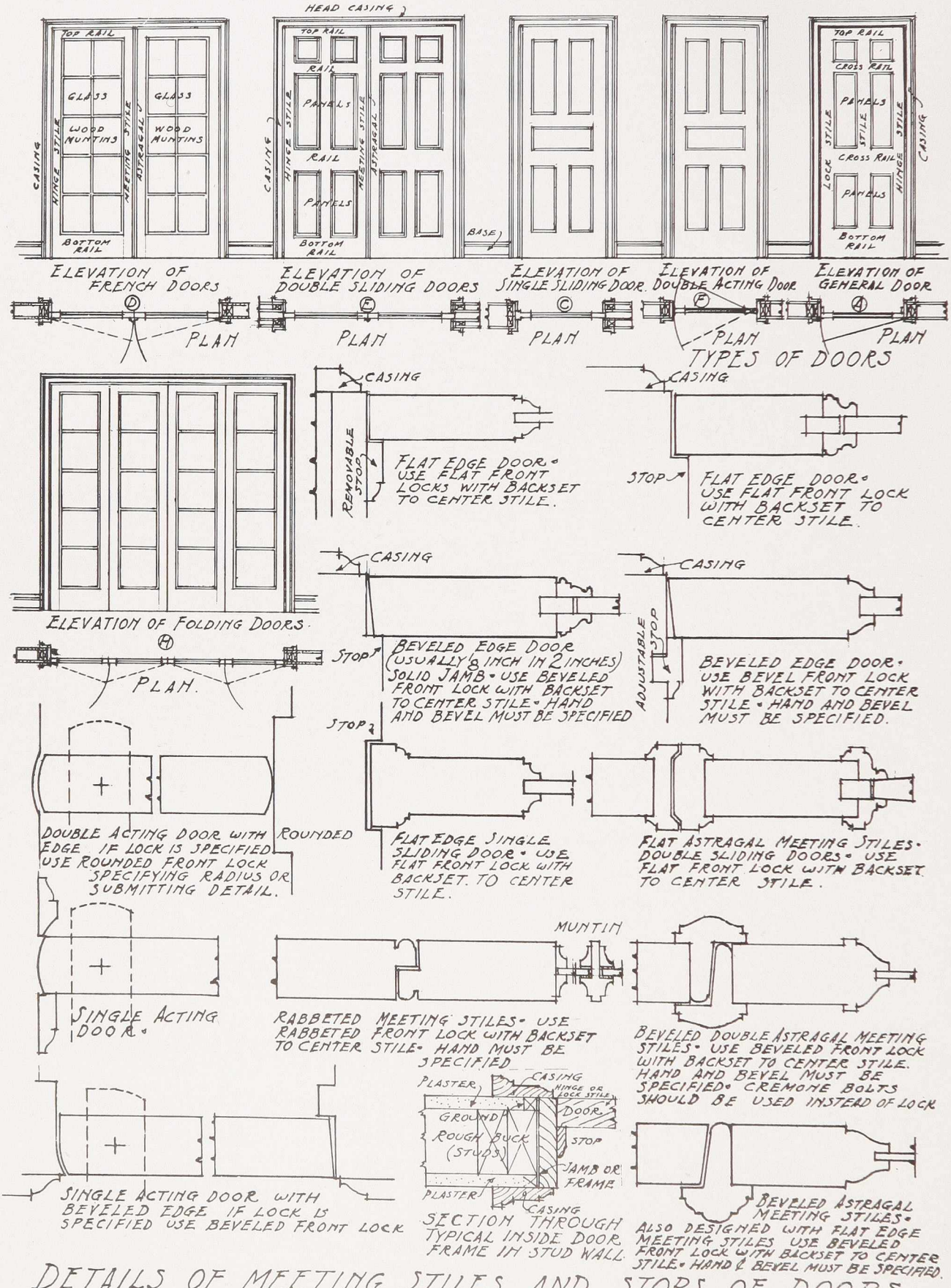
ITEM 72—1 Pr. Casement Windows, O
R.H., Inswinging, 1¾"
2 Pr. (Insert No.) Butts, Finish
1 Only " " Top Bolt, Finish
1 Only " " Bottom Bolt, Finish
1 Only " " Casement Fastener, Finish
2 Only " " Casement Adjusters, Finish

ITEM 73—1 DH Window
1 Only (Insert No.) Sash Fastener, Finish
2 Only " " Sash Lifts, Finish

DETAILS OF DOORS AND TRANSOM

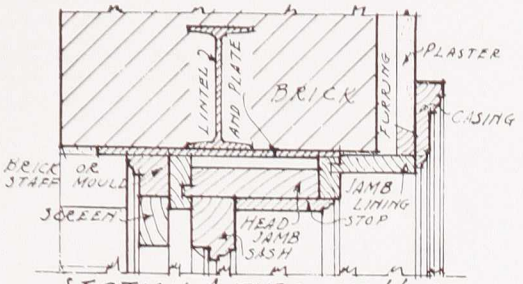


DETAILS OF MEETING STILES AND STOPS OF DOORS



DETAILS OF MEETING STILES AND STOPS OF DOORS.

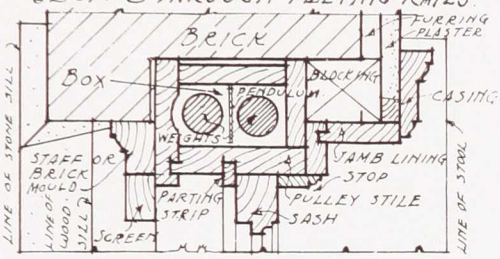
DETAILS OF DOUBLE HUNG WINDOWS



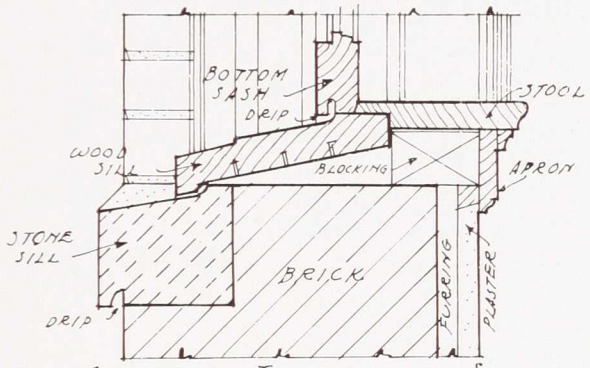
SECTION A-THROUGH HEAD

SECTION B THROUGH MUNTIN

SECT. C-THROUGH MEETING RAILS

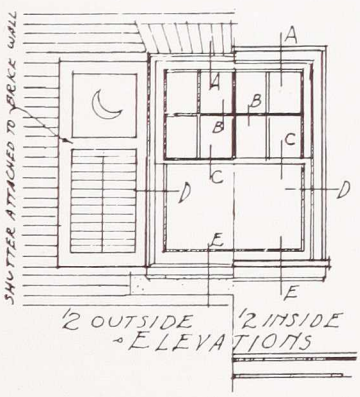


SECTION D THROUGH BOX



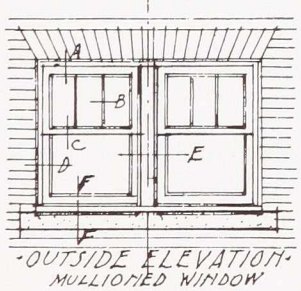
SECTION E THROUGH SILL

DETAILS OF DOUBLE HUNG WINDOWS IN SOLID BRICK WALLS



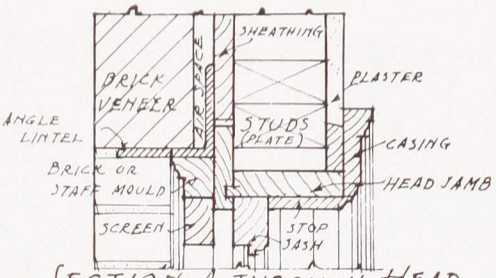
½ OUTSIDE ELEVATIONS

½ INSIDE



OUTSIDE ELEVATION MULLIONED WINDOW

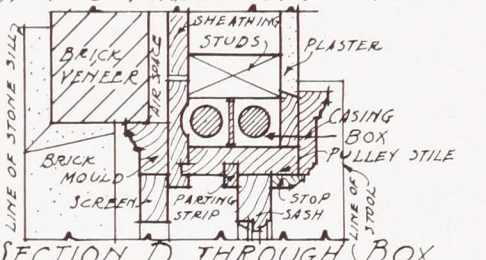
NOTE: WINDOWS IN SOLID BRICK AND BRICK VENEER WALLS APPEAR THE SAME IN ELEVATION.



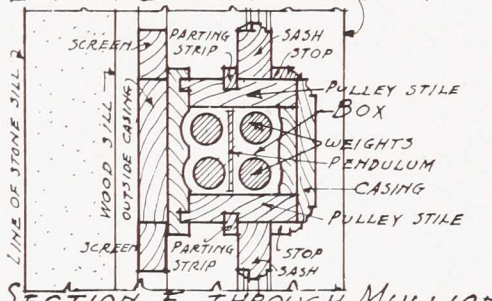
SECTION A THROUGH HEAD

SECTION B THROUGH MUNTIN

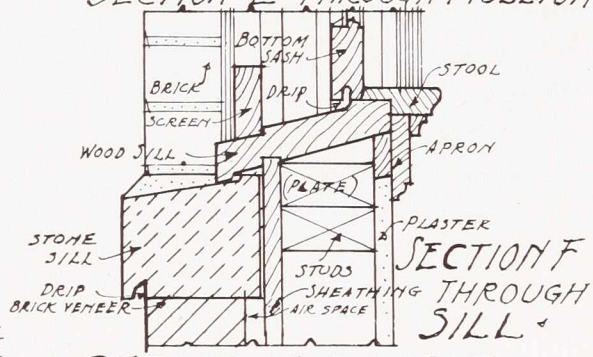
SECT. C-THROUGH MEETING RAILS



SECTION D THROUGH BOX



SECTION E THROUGH MULLION

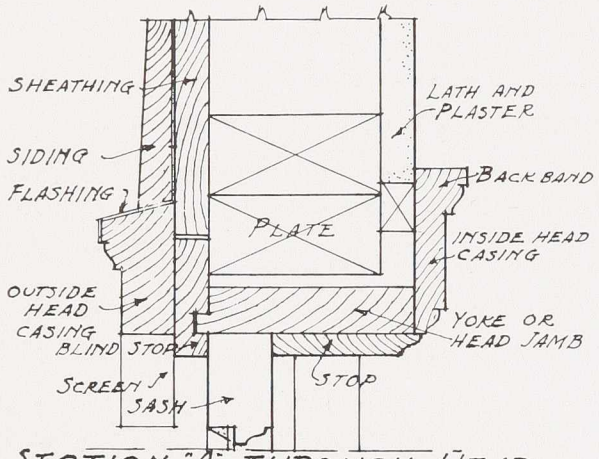


SECTION F THROUGH SILL

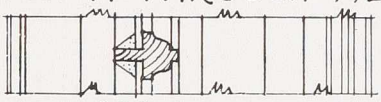
DETAILS OF DOUBLE HUNG WINDOWS IN BRICK VENEER WALLS

IN FURNISHING HARDWARE FOR DOUBLE HUNG SASH NOTE SPACE ON TOP OF MEETING RAILS TO BE SURE THAT THERE IS SPACE ENOUGH TO APPLY SASH FASTENERS. NOTE WIDTH OF BOTTOM RAIL OF LOWER SASH TO BE SURE THAT THERE IS SPACE ENOUGH FOR SASH LIFTS. IF THERE IS AN INSIDE SCREEN OR SHUTTER NOTE IF SPACE BETWEEN BOTTOM RAIL OF SASH AND SHUTTER WILL ADMIT OF SASH LIFT PROJECTION.

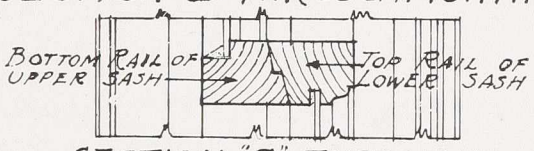
DETAILS OF DOUBLE HUNG WINDOWS



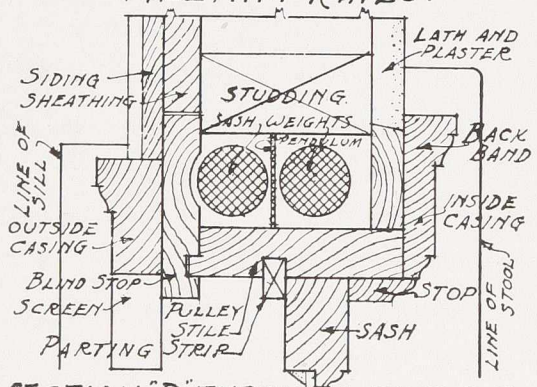
SECTION "A" THROUGH HEAD



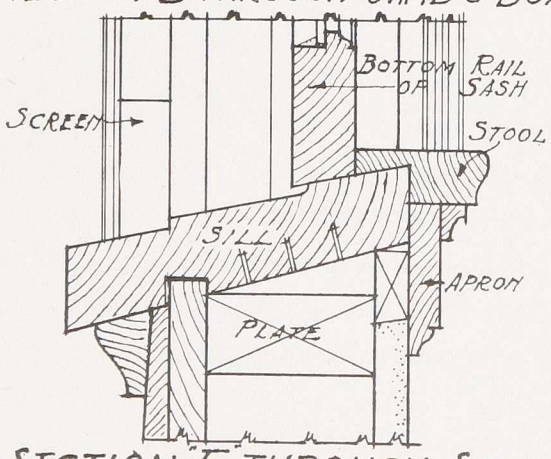
SECTION "B" THROUGH MUNTINS.



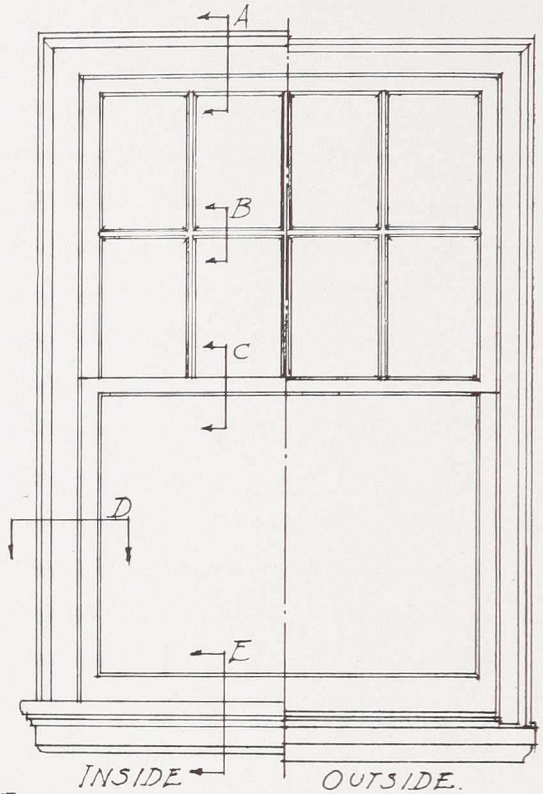
SECTION "C" THROUGH MEETING RAILS.



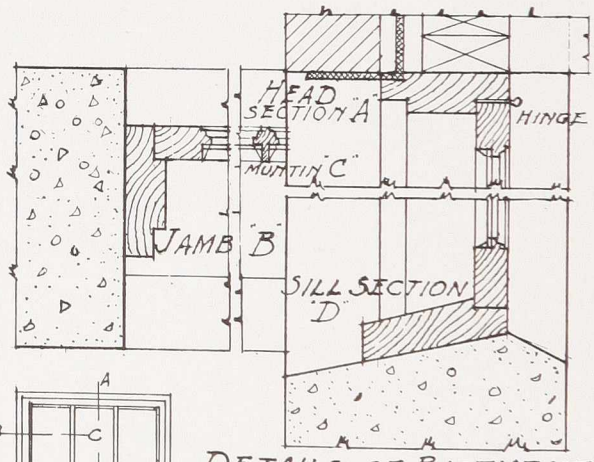
SECTION "D" THROUGH JAMB & BOX.

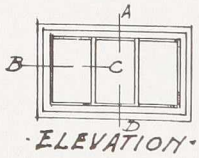


SECTION "E" THROUGH SILL



ELEVATION OF DOUBLE HUNG WINDOWS





ELEVATION

DETAILS OF BASEMENT WINDOWS · HINGED AT TOP.

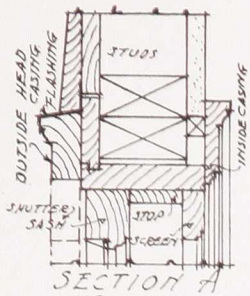
DETAILS OF DOUBLE HUNG WINDOWS.

IN FURNISHING HARDWARE FOR DOUBLE HUNG SASH NOTE SPACE ON TOP OF MEETING RAILS TO BE SURE THAT THERE IS SPACE ENOUGH TO APPLY SASH FASTENERS.

NOTE WIDTH OF BOTTOM RAIL OF LOWER SASH TO BE SURE THAT THERE IS SPACE ENOUGH FOR SASH LIFTS.

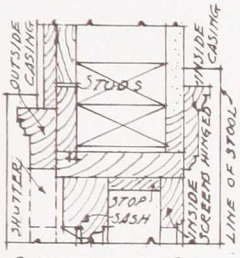
IF THERE IS AN INSIDE SCREEN OR SHUTTER NOTE IF SPACE BETWEEN BOTTOM RAIL OF SASH AND SHUTTER WILL ADMIT OF SASH LIFT PROJECTION

DETAILS OF CASEMENT WINDOWS AND MEETING STILES

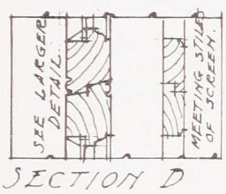


SECTION A THROUGH HEAD

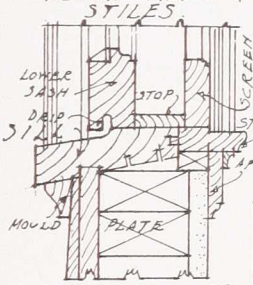
SECTION B THROUGH MUNTIN



SECTION C THROUGH JAMB



SECTION D THROUGH MEETING STILES



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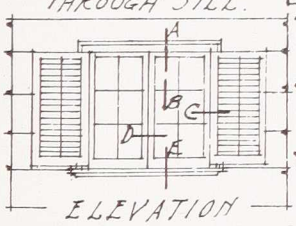
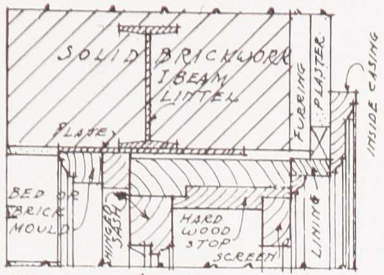
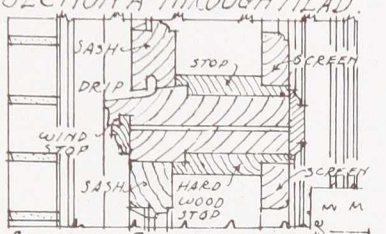


ELEVATION

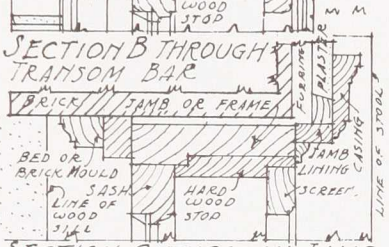
DETAILS OF OUTSWINGING CASEMENT WINDOWS IN FRAME WALL



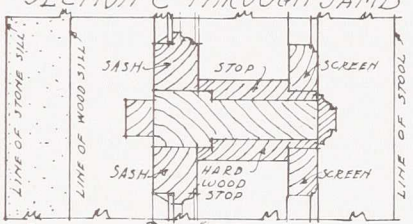
SECTION A THROUGH HEAD.



SECTION B THROUGH TRANSOM BAR



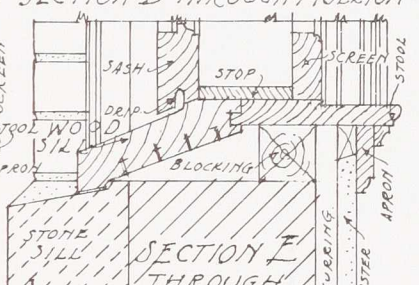
SECTION C THROUGH JAMB



SECTION D THROUGH MULLION.

ELEVATION OF SUN PORCH WINDOWS.

DETAILS OF OUTSWINGING CASEMENT WINDOWS IN SOLID BRICK WALL.



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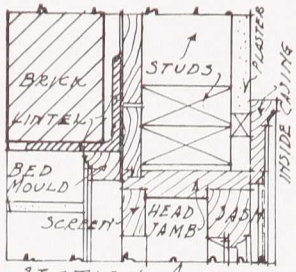
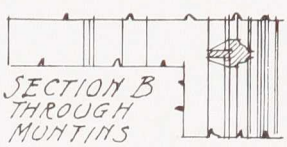
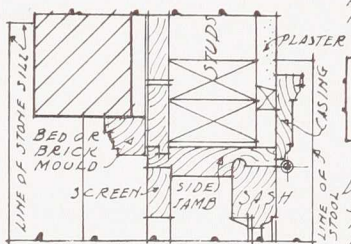


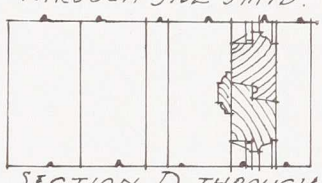
SECTION A THROUGH HEAD



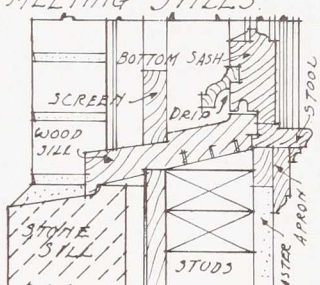
SECTION B THROUGH MUNTINS



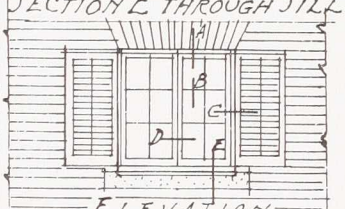
SECTION C THROUGH SIDE JAMB.



SECTION D THROUGH MEETING STILES.

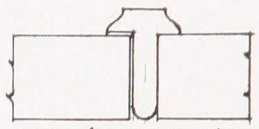


SECTION E THROUGH SILL

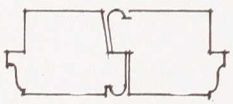


ELEVATION

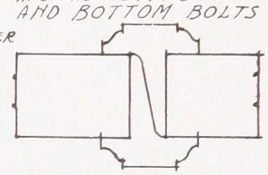
DETAILS OF INSWINGING CASEMENT WINDOWS IN BRICK VENEER WALL



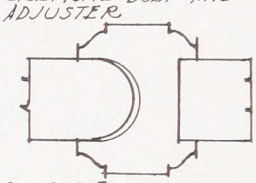
FLAT ASTRAGAL MEETING STILES - USE RIM OR MORTISE CASEMENT FASTENERS AND ADJUSTERS, TOP AND BOTTOM BOLTS



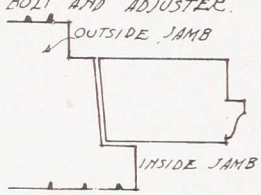
DOUBLE RABBETED MEETING STILES USED ON CASEMENT SASH SWINGING IN OR OUT - USE RIM OR MORTISE CASEMENT FASTENERS AND ADJUSTERS, TOP AND BOTTOM BOLTS



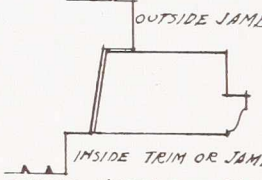
DOUBLE ASTRAGAL MEETING STILES USED ON CASEMENT SASH SWINGING IN OR OUT - USE CREMONE BOLT AND ADJUSTER.



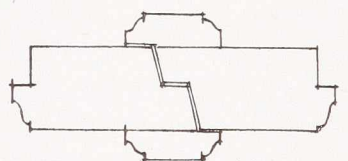
DOUBLE FRENCH ASTRAGAL MEETING STILES USED ON CASEMENT SASH SWINGING IN OR OUT - USE CREMONE BOLT AND ADJUSTER.



SINGLE CASEMENT SASH SWINGING OUT - USE RIM OR MORTISE CASEMENT FASTENER AND ADJUSTER.



SINGLE CASEMENT SASH SWINGING IN - USE RIM OR MORTISE CASEMENT FASTENER AND ADJUSTER.



DOUBLE RABBETED ASTRAGAL MEETING STILES USED ON CASEMENT SASH SWINGING IN OR OUT - USE CREMONE BOLT AND ADJUSTERS.

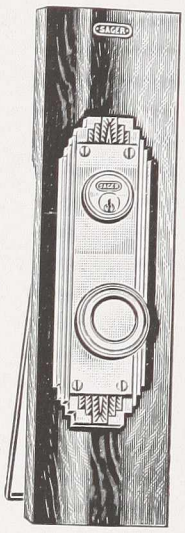
DETAILS OF CASEMENTS AND MEETING STILES.

EFFECTIVE MERCHANDISERS

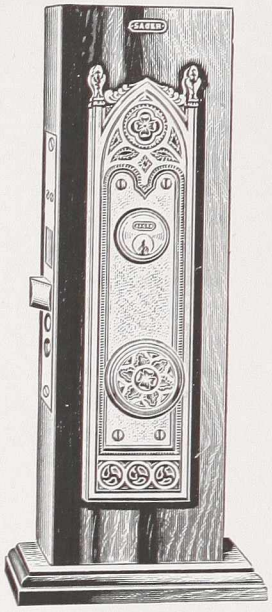
One of the most important factors in effective merchandising is the art of creating in the prospective purchaser the desire to possess the particular articles, or brand of articles, the seller has to offer.

In solid support of advertising or publicity programs designed to attract and interest prospective customers, every builders' hardware dealer should maintain an attractive, well kept, physical display of representative items in the lines he carries. This is an invaluable aid in minimizing sales resistance and crystallizing customer interest into actual sales.

For sample-room display purposes, we are prepared to furnish at small cost the beautiful display panels and blocks listed below, on which to mount any items in the SAGER line. Our representatives will gladly assist you in establishing or rounding out this very important feature of your merchandising plan.



Panel for Mounting Trim
Nos. 10 to 18



Block for Mounting Complete
Locksets
Nos. 1 to 7

FINISH SAMPLE BOARDS

Standard size of board, 14¾"x9⅜"x½", with twenty-four small metal plates of standard finishes. Specify finishes required.

SAMPLE BLOCKS WITH BASE—Without Samples

Finished in Dark Mahogany or White Enamel

Number	Size, Inches	Suitable For
1	8x3 x1½	French window and screen door sets
2	10x4½x1⅜	Inside locksets
3	12x5 x1¾	Inside locksets with large escutcheons
4	15x5 x1¾	Front door locksets
5	18x5 x1¾	Entrance handle locksets
6	20x5 x1¾	Entrance handle locksets
7	25x5 x1¾	Entrance handle locksets

Suffix to Number "DH", for dark mahogany and "WE" for white enamel finish.

SAMPLE PANELS WITH EASELS—Without Samples

Finished in Dark Mahogany or White Enamel

Number	Size, Inches	Suitable For
10	13 x10½x½	Miscellaneous
11	9⅜x 3 x½	Knob and small escutcheon
12	10 x 3 x½	Knob and small escutcheon
13	10 x 4 x½	Knob and wide escutcheon
14	14¾x 4 x½	Knob and large escutcheon
15	15½x 4 x½	Knob and large escutcheon
16	18 x 4 x½	Entrance handles
17	20 x 4 x½	Entrance handles
18	25 x 5 x½	Entrance handles

Suffix to Number, "DH" for dark mahogany and "WE" rim for white enamel finish.
Sample blocks and panels may be purchased at reasonable prices, with or without mountings, plus price of mountings as above. There will be no charge for labor cost of mounting hardware on blocks.

CHARGES FOR MOUNTED SAMPLES

Complete samples which are in commercially usable condition, mounted or unmounted, will be charged at regular prices. Incomplete samples (which are incomplete and not commercially usable), mounted or unmounted, will be charged at fifty per cent of regular prices.

EXPLANATION OF SYMBOLS AND NUMBERING SYSTEM

Lock numbers consist of three digits and when used in sets are the last three digits of the set number. This rule applies to all lockset numbers except where locksets have special strikes for a metal door. The special metal door strike used by metal door manufacturers is a Number 9 strike and when specified in set number, the 9 is prefixed to the lock number, making it necessary to use the last four digits in a set number to give the lock number used in the set. Refer to Page No. 38A.

Knob symbol numbers are prefixed to the lock number to indicate the size and type of the knob used in the set.

No. 1 prefixed to a lock number designates any 2¼-inch cast, one-piece wrought metal or glass knob.

No. 2 prefixed to a lock number designates a 2¼-inch two-piece metal knob.

No. 3 prefixed to a lock number designates any 2-inch cast, one-piece wrought metal or glass knob.

No. 5 prefixed to a lock number designates any 1¾-inch cast, one-piece wrought metal or glass knob.

No. 8 prefixed to a lock number designates a 2¼-inch plain wrought top, cast-shank metal knob.

Glass knobs have prefixed letter symbols which designate the class and design of the knob. If the glass knob symbol is followed by the letter F the knob is fire polished instead of polished.

Spindle mountings, other than these furnished regularly, are designated by suffixing the letter of the mounting required. Refer to Page 117.

Lever handles in locksets are designated by prefixing the Symbol "L" to the set number.

Master-keyed locks are designated by suffixing the Symbol "MK" to the lock number.

Grand master-keyed locks are designated by suffixing the Symbol "GMK" to the lock number.

Rabbeted front locks are designated by suffixing the Symbol "R" to the lock number.

Handed locks (not reversible) are designated by the Symbol "RHR" (right hand reverse), "LHR" (left hand reverse), "RH" (right hand) or "LH" (left hand).

Turn knob applied to escutcheon is designated by suffixing the Symbol "T" to the escutcheon number.

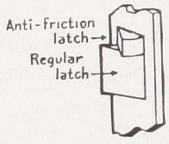
Bath locksets packed with half trim are designated by suffixing Symbol "½" to bath set number.

Bevel locks are furnished with standard bevel (⅛-inch on 2-inch) unless otherwise specified.

GLOSSARY

Active Door • The door of a pair of doors, which opens first.

Anti-friction Latch Bolt • The latch-bolt of a lock, when provided with a device for diminishing the sliding friction of the bolt during the closing of a door.



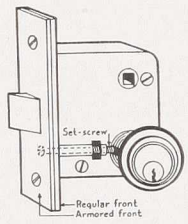
A small additional latch connected with regular latch bolt. It engages the strike and retracts the regular latch.

Apron • The finishing board applied below the window stool.

Architectural Drawing • A geometrical representation of a building in plan, elevation, section, or perspective; including details of construction, design and decorative treatment.

Architrave of Door or Window • The moulded finish around the opening.

Armored Front • A lock front for cylinder locks, consisting of two laminated plates, the under one of which is permanently riveted or screwed to the lock case and the outer plate secured to the under plate by means of screws. The outer plate is applied after the the installation of the lock and the painting of the door are completed, and serves two purposes; namely, the protection of the finish of the lock front during the painting processes, and as a guard or "armor" which covers, and prevents tampering with, the cylinder set-screw.

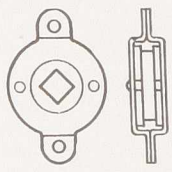


Astragal • A molding, usually half round, applied to the abutting edges of a pair of double or folding doors to break and cover the line of juncture.

Astragal Front • A lock front having a form coinciding in shape with the edges of a door having an astragal molding.

Astragal Strip • A molding applied to the surface of the active door of a pair of doors; overlapping the edge so as to conceal the abutting edges of the two doors.

Auxiliary Latch Bolt (Guard Latch) • A latch bolt separate from the regular latch bolt which remains retracted when the door is closed and automatically deadlocks the regular latch against end pressure.

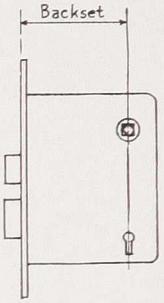


Auxiliary Spring

Auxiliary Spring • A device applied under a rose to hold a lever handle in a horizontal position.

Back-Band • The outside member of a window or door casing.

Backset (of lock) • The horizontal distance from the face of a lock front to the center line of the cylinder, key hole or knob hub. On locks with beveled fronts this measurement should be taken from the center of the face; and on rabbeted front locks from the center of the lower step of the face.



Illustrating Backset

Baseboard • The finishing board covering the wall where the wall and floor meet.

Bay Window • A window structure of angular plan (not curved), projecting outward from a wall and reaching to the ground. Refer to "Bow Window" and "Oriel Window" for distinguishing features.

Bevel of Bolt • A term used to indicate the direction in which the bevel of the latch bolt is inclined; "regular bevel" commonly indicating a lock for use on a door opening inward and "reverse bevel" one for a door opening outward.

Bevel of Door • The angle made by the edge of a door with the sides of the lock stile, if other than 90°. Any inclination from a 90° angle is known as the "bevel". The bevel normally used is an inclination of ⅛-inch to each 2 inches of door thickness (commonly referred to as "⅛-inch on 2") and is called "regular bevel". Any deviation would be a special bevel.

Bevel of Lock Front • The angle of the front of a mortise lock, when inclined at other than a right angle to the case, to conform to the angle of the edge of the door.

Bit (of a key) • A projecting blade which engages with and actuates either or both the bolt and tumblers of the lock. Synonymous with Wing.

Bit-key Lock • One operated by a key having a Wing Bit.

Bitting • A cut or indentation on that part of a key which acts upon and sets the tumblers.

Bow Window • A window of curved (not angular) plan, projecting outward from a wall and reaching to the ground. Refer to "Bay Window" and "Oriel Window" for distinguishing features.

Box Strike • One in which the aperture to receive the bolt is enclosed or boxed.

Buck • The rough base of a door frame.

GLOSSARY, Cont.

Builders' Finishing Hardware • A term to designate the locks, hinges and other metallic trimmings used on buildings for protective and decorative purposes; as distinguished from "Rough Hardware", which includes such building items as nails, screws, coal chutes, joist hangers, registers, ash pit doors, stanchions, sash weights, sash cord, sash chain, pulleys, etc.

Butt • (An abbreviation of the term Butt Hinge). A hinge intended for application to the butt or edge of a door, in contradistinction to a flat or strap hinge for application to the surface of a door.

Cam • A rotating piece, either non-circular or eccentric, used to convert rotary into reciprocating motion; e.g., the wing of a bit key or a cylinder cam, which convert rotary into re-reciprocal motion when actuating the bolts of a lock.

Cap (of a lock) • The removable lid of a lock case. Also called "cover."

Case (of lock) • The box-like metal container for the bolts and other mechanism of a lock. In giving dimensions the vertical should be stated first and the horizontal second.

Casement • A window (sash) hinged in a frame to open horizontally in or out.

Casing • The frame work around a door or window.

Chafing Strip of Sliding Doors • A vertical strip used with sliding doors to close the wall pocket opening when a door is either in a completely opened or closed position. Also used at bottom of doors to keep the doors in alignment with the overhead hangers.

Changes • The different key combinations in locks.

Change Key • The key of a lock which differs from all the others of the same series and will operate its own lock only.

Clevice • A metal loop fastened to a padlock for attaching a chain.

Communicating Door Lock • A lock, usually having a latch bolt and two dead bolts, one dead bolt of which is controlled by turn knob or key from one side only, and the other dead bolt from the opposite side only, each independently of the other.

Compensating Hub • A lock hub having an elongated spindle-hole to compensate for the shrinking and swelling of a door and to prevent derangement of the lock and binding from other causes.

Corner Bead • A metal bead built into plaster corners to prevent the breaking of the plaster.

Cremone Bolt • A fastening for French windows (doors) or casement windows, arranged for application to the surface, consisting of sliding rods controlled by a lever handle or knob. Rotation of the lever or knob causes the rods to slide in opposite directions, engaging in strikes at the top and bottom.

Curved Lip Strike • The lip of a strike curved to conform to a detail, to protect door casings and to prevent the catching of wearing apparel on the projecting lip.

Cylinder • A cylindrically shaped device containing the key-controlled mechanism and cam or spindle for actuating the bolts of a so-called cylinder lock. It is a separate mechanism from the lock proper but is a unit assembly with the lock.

A cylinder consists of a case or "shell" which houses a rotating "plug" on the end of which is a cam for actuating the lock bolts. Small holes of proper diameter are drilled vertically into the "shell" and extend through the upper part of the "plug" into the key way which is milled lengthwise through the "plug." Into each hole is inserted a small phosphor-bronze coiled spring and two pins or "tumblers" which prevent the rotation of the "plug" except when operated by the key. The two pins in each hole are assembled end-to-end and the spring placed in the shell above the upper pin. The lengths of the pins in each hole vary so that the abutting ends of the pins are located at different intervals in the various holes. The notches or "bittings" in the keys are of varying depths and so correlated with the pins that when the key is inserted into the key way each pin is lifted against the spring pressure until the abutting ends of all pins are exactly in line and even with the circumference of the "plug," which coincides with the juncture of the "plug" and "shell." The key may then be turned, rotating the "plug" and the cam, thereby throwing the lock bolts. When the "plug" is thus rotated, the springs and the upper pins, known as "driver" pins, remain in the "shell"; while the lower pins stay in the "plug." When the "plug" is then returned to its normal position and the key withdrawn, the springs force the tumblers (pins) downward until part of each upper pin protrudes from the "shell" into the "plug," thereby preventing the rotation of the "plug" until the proper key is again inserted.

A standard cylinder for door locks is one not less than 1⅛ inches in diameter (back of the head) and having not less than five pin tumblers. The normal length is 1¼ inches (back

GLOSSARY, Cont.

of head and including the cam) but the length may vary to properly fit the combined thickness of door and hardware trim, etc. By the addition of correlated variations in the section of the milled key way and by increasing the number of tumblers, the number of possible different key changes is almost without limit.

The design of various sections of the modern paracentric key way is such as to render the "picking" of a cylinder very difficult. This, coupled with the many possible keying combinations, makes the cylinder type of lock construction the most secure and most flexible of any yet devised.

Cylinders are of two general types, "mortise cylinders" for use with mortise locks and "rim cylinders" for use with rim locks. Refer to page No. 36A for illustrations of cylinders.

Cylinder Collar • A decorative plate placed under the head of a cylinder to give a finished appearance.

Cylinder Lock • Any lock equipped with a "cylinder" to actuate its bolts. Please refer to "Cylinder" on page 77A.

Cylinder Ring • A rose or washer, placed under the head of a cylinder to permit the use of a long or standard cylinder on a thin door.

Cylinder Screw • The set screw in the front of a mortise lock to prevent the unscrewing of a cylinder.

Dead Bolt • A lock bolt, usually rectangular in shape, which is thrown into positively locked projected or retracted positions by means of keys or turn knobs.

Dead Lock • A lock with a dead bolt only, controlled by key from either side or by key from one side and turn knob from the other side.

Details or Detail Drawings • Separate detailed drawings, drawn to scale, of sections or openings not clearly defined on the general plans.

Dimensions • When more than one dimension is given, the first dimension listed is the vertical or length and the second the horizontal or width.

Dormer • A structure projecting from a sloping roof, usually to accommodate a window.

Double Hung Window (Sash) • A window with two vertical sashes sliding up and down.

Double-Throw Bolt. • A bolt controlled by mechanism which permits of extra projection or "throw" of the bolt.

Dummy Cylinder • An imitation cylinder which can be attached to a cylinder collar or escutcheon for use as dummy trim.

Dummy Trim • Trim only, without lock or working parts, applied to the inactive door of a pair of doors and matching the trim on the active door. This is for the purpose of balancing the hardware ornamentation on a pair of doors.

Drop • The distance from the front edge of selvage to the center of cylinder or keyhole in cabinet locks.

Drop Key Plate • A key plate or escutcheon having a swinging cover to protect the keyhole.

Dust Proof Strike • A strike with spring controlled shutters which automatically close the strike opening when the lock bolts are withdrawn.

Dutch Door • A door cut horizontally through the lock rail so that the upper part of door may be opened independently of the lower door.

Easy Spring • A term used to designate the construction of a knob lock in which two springs are employed, one of which (the easy spring) acts only on the latch bolt, while the other acts directly or indirectly on the knob spindle. Motion of the latch bolt is opposed by the easy spring only, while both springs give resistance to the rotation of the knobs, thus giving a lively action to the knobs while permitting the door to close easily.

Electric Strike • (Electric Door Opener). A lock strike equipped with an electrically controlled retracting device operated by push buttons in various locations throughout a building, usually in each apartment of an apartment house. By pressing the electric push button a small electro-magnet retracts a section of the strike, thus releasing the lock bolts and permitting the door to open.

Elevations • Drawings showing the vertical design or construction of the exterior or interior walls of a building.

Ellipsoid Knob • A door knob of oval design.

Escutcheon • Any ornamental plate.

Escutcheon Knob • A door knob containing a keyhole for the key which actuates the lock or controls the rotation of the knob.

Escutcheon Plate • A protective metal plate, applied to the surface of the lock stile, with or without cylinder hole or keyhole but with knob socket.

GLOSSARY, Cont.

Espagnolette Bolt (Bar) • A fastening for French windows (Doors) or casement windows, arranged for application to the surface, consisting of rotating rods extending from the top to the bottom with hooks at each end which engage with pins or plates in the window frames when the bar is rotated, and having a hinged handle near the center whereby the bar may be rotated to fasten or release the sash.

Face (of lock) • The front surface of a lock "front."

Fenestration • The distribution or arrangement of the windows in a wall.

Finial • The ornamental termination of a pinnacle.

Flashing • The sheet metal work to prevent leakage over windows, doors and around chimneys.

Floor Plan • The horizontal section through a building showing arrangement or layout of each floor.

Fence • A projection in a lock, usually attached to the bolt, which engages with the tumblers and enters or passes through the "gating" of the tumblers when the bolt is retracted.

French Escutcheon • A small circular key-plate secured by driving or screwing into the wood.

French Spring • A heavy type of spring which is usually applied to the hub of a lock, intended to offset the over-balancing effect of the lever handle and thereby relieving the strain which would otherwise be thrown on the sensitive spring of the latch bolt.

French Window • A window mounted on hinges like a door; a casement window extending to the floor.

French Window Lock • A mortise knob lock with a narrow backset, for use on French windows or doors with narrow stiles.

Front (of lock) • The face plate of a mortise lock through which the ends of the bolts are projected.

Front Door Lock • A lock designed for use on residential entrance doors. This term is usually applied only to locks whose latch bolts are controlled by knobs from both sides, although, in a stricter sense, locks for this purpose having thumb lift latch control would also fall in this classification. The dead bolts of Front Door Locks are controlled from the outside by key only and from the inside by key or turn knob.

Gating • The opening in the tumbler of a lock into or through which the "fence" passes to release the bolt or permit its movement.

Grille • A protective screen of open metal work, either wrought or cast, sometimes highly ornamental.

Guard Lock • One which guards or checks another lock; especially that part of the mechanism of a safe deposit lock which is controlled by the attendant's key, and which checks or guards the other part of the mechanism controlled by the renter's key.

Guarded Front Lock • Also referred to as a "recessed front lock." It has a specially constructed front and strike. When these are interlocked the latch bolt is protected against tampering through the crevice of the door.

Guarded Front and Strike • A construction of these parts of a lock such that they may interlock, thus protecting the latch-bolt from attack through the crevice between the door and jamb.

Gun Spring • A heavy flat spring of special construction used in locks and latches to hold lever handles in a horizontal position.

Hand (of locks, etc.) • A term indicating whether the article is adaptable for use on a right or left hand door.

Hand and Bevel of Locks • The inclination or bevel of the latch bolt and the lock front always corresponds in direction with the bevel of the door. If no bevel is designated it is understood to be regular bevel. The hand of such a lock is the same as the hand of the door. Refer to "Hand and Bevel of Doors" on page No. 40A.

Handed • A term indicating that the article is adaptable for use on either a right hand or left hand door, but not both.

Hanging Stile • The vertical rail of a door to which the hinges are applied.

Hanging Strip • A vertical strip attached to the door casing to which the hinges are applied.

Head (of door or window) • The horizontal member of a door or window which contacts the upright member of a door or window frame.

Hinged Latch • See "Swinging Latch."

Hood • A small roof over a doorway, supported by brackets.

Horizontal Lock • Refers to a lock having a "case" whose width is greater than its height.

Hotel Lock • This term refers to a type of master-keyed lock, usually having a latch bolt and either one or two dead bolts. The lock may be controlled from the corridor side by the "Guest's" or "Room" key, or by a floor master-key for maid's use, or by a grand master-key for the manager's use, unless the guest has locked the door from the inside. A fourth master-key, known as an emergency key, will

GLOSSARY, Cont.

unlock the door under all conditions. Additional keys are sometimes used. The "Shut Out" key prevents any lock in the series from being opened, except with the emergency key. The "Display" key is an individual shut-out key. It is to protect rooms being used for display of merchandise, preventing the entrance of maids during the absence of the person responsible for the display.

Hub • A rotating piece within a lock, containing a central aperture to receive the knob spindle and engaging with the bolt or tailpiece in the lock so that the motion of the knob is communicated to the bolt.

Inactive Door • The door, of a pair of doors, which opens last.

Indicator • A device, usually a button, used on hotel locks to indicate whether or not the room is occupied.

Jamb • The inside vertical face of a door or window frame.

Jamb Joint • A joint used on the abutting edges of French sashes, in which the edge of one sash is convex and of the other concave to a radius equal to one-half the thickness of the sash, the purpose being to form a weather tight joint.

Jamb Lock • A prison lock designed to be built into the masonry of the door jamb, the bolt when locked being projected from the jamb and engaging with the door.

Janus Face Lock • A rim lock both sides of which are similarly molded or ornamented, so that either side may be applied to the door, thus making the lock both right and left hand.

Joists • The framing timbers which are the direct support of a floor.

Keeper • Same as "Strike."

Key Hole • The aperture in a lock case or escutcheon plate through which the key passes in entering the lock. Refer also to "Key Way."

Key-Plate • A plain or ornamental plate having a keyhole (but no knob socket) to be attached to the surface of a door.

Key Tag • A metal or fibre identification tag to be attached to keys.

Key Way • The aperture throughout the length of a lock cylinder, into which the key is inserted. The distinction between a **key hole** and a **key way** is that in bit key locks the **key hole** is an aperture in the lock case which serves only to permit the key to enter the lock and to provide a bearing on which the key is rotated; whereas in a cylinder lock the key not only enters the lock through the **key way** but remains interlocked with and contiguous to the key way throughout the length of the cylinder.

Knob • A projecting handle, usually round or spherical, for operating a latch bolt. A small crescent or otherwise shaped knob designed for operation with the fingers is called a "turn knob" or sometimes known as a "thumb turn" or "thumb knob" and is usually employed to "throw" the dead bolt of a lock from the inside.

Knob Bolt • A dead bolt which is controlled by a knob from either or both sides of the door, and not actuated by a key.

Knob Latch • A door fastening or latch having a spring bolt operated from either side or both sides by a knob and not actuated by a key.

Knob Lock • A door fastening or lock combining a knob latch and dead bolt.

Knob Rose • A plate, or washer, formed to act as a knob socket attached to the surface of the door.

Knob-shank • The projecting stem of a knob containing the hole or socket to receive the spindle.

Knob-top • The upper and larger part of a knob which is grasped by the hand.

Lancet Window • A high narrow window pointed like a lance at the top.

Latch • A fastening device that has a spring latch bolt, but without key function or dead bolt. Rim and mortise "night latches" are an exception to this definition.

Latch • A lock the bolt of which is beveled and is self-acting by the pressure of a spring or by gravity.

Latch-Bolt (of a lock) • One having a beveled head and actuated by a spring whereby it is retracted by impinging against the strike, and is automatically thrown forward by the spring.

Lever Tumblers • Flat tumblers, one or more of which are used in the bolt controlling mechanism in "bit key" locks. Refer to "Lever Tumbler Lock" below.

Lever Tumbler Lock • Also called bit key lock. The obstacle in this type of lock consists of one to five flat tumblers. These must be lifted by the bittings, or grooves, cut in the bit of the key, before the bolt can be thrown. On the side of the bolt projects a lug called a "fence." Openings in the tumblers fit over this fence. The "Gatings" connect the openings in the lever

GLOSSARY, Cont.

tumblers. The gatings are all cut at different heights. When the key is inserted and rotated, the bittings of the key lift the tumblers to exactly the right height so that they all will be in proper alignment and permit the fence to pass. The key engages simultaneously with the "talon" of the bolt and the bolt is thrown. The levers then drop from the action of the tumbler springs, engaging the fence and preventing the movement of the bolt. In lever tumbler locks the number of the key changes varies with the number of tumblers employed. Side and end wards may be added to increase the possible key changes, although these are of doubtful value in adding to the security of the lock. These wards or projections are easily broken off and a thin key will pass them. The key changes may vary from four for a one-tumbler lock, to more than 144 changes in a five-tumbler lock. Security against picking increases with the number of tumblers used.

Lintel • The horizontal top piece of a door-way or window-opening.

Lobby • A hall, vestibule or corridor serving as an anteroom or waiting room.

Lock Rail (of a door) • A rail located at the proper height to receive the lock, and for that purpose usually made broader than the other rails.

Lock Set (or Lockset) • A complete assembled set of all component parts which constitute the lock and correlated hardware trimming for a door; e.g., a complete unit consisting of the lock, strike, keys, knobs, escutcheons, etc.

Loggia • A covered gallery or portico, especially when in the upper part of a building, having a colonnade on one or more sides, open to the air.

Long Lip Strike • A lock strike with a special long lip to protect the frame work of the door.

Louver • A ventilating window covered by sloping slats.

Master Key • A key designed to operate two or more locks of a master-keyed set, the regular change-keys of which are not interchangeable.

Master-Keyed Lock • One of a group or series of locks so keyed that, in addition to being operated by its regular change-key, it may be actuated by another key (master-key) that will also operate some, or all, of the other locks in the group.

Master-keying • This term is applied to various methods employed to accomplish functional group arrangements of master-keyed locks. The different possible arrangements are innumerable.

All locks in a given building, say a hotel for example, may have individual change-keys, yet be arranged into several master-keyed groups and sub-groups, each sub-group being subject to a different sub-master-key, several sub-groups may be further grouped together and be subject to a master key; and the entire series of groups be operated by a grand-master-key.

The usual apartment house keying is set up so that none of the individual apartment change-keys are interchangeable but all will operate the entrance door locks. The keys for the entrance door locks, however, will not operate any of the individual apartment locks.

In lever tumbler locks master-keying is accomplished by the introduction of auxiliary tumblers which are not actuated by the regular change-keys, but when the proper master key is used all the tumblers are raised, permitting the bolt to be thrown.

Cylinder locks are master-keyed by several methods, the most common of which is to have one or more of the pin tumblers divided into three sections. The regular change keys operate the cylinder as described under "Cylinder" on Page No. 77A. With the pins divided into three sections instead of the standard two, it is possible to make key bittings such that one key will raise the pins to one position of alignment which permits rotation of the cylinder "plug" and another key raise the pins to a different position which will also allow the "plug" to rotate. Very complex master-keying requirements may quite easily be fulfilled by the use of cylinder locks.

Meeting Rail • The horizontal rail of a door or window which meets with a corresponding rail of another door or window to form a juncture by means of which both are closed, as in pairs of sliding doors or windows.

Mezzanine • A low secondary story between two higher stories.

Mortise • 1. An opening to receive hardware. 2. To cut such an openimg.

Mullion • The large vertical or upright division-piece separating openings. In grouped windows it is the member separating each window.

Muntins • The small members, either vertical or horizontal, dividing the glass in doors or windows.

Narthex • An arcaded porch or vestibule of a church before the entrance proper.

Nave • The auditorium of a church.

Night Latch • ("Spring Latch"). An auxiliary lock, separate from but supplementing the regular lock on a door, having a spring latch

GLOSSARY, Cont.

bolt operating from the outside by key only and from the inside by turn knob. Some Night Latches are equipped with stop works which, when engaged, deadlocks the latch bolt against end pressure. Others are so constructed that the latch bolt may be held in a retracted position when it is desired to have the Night Latch inoperative. In still other Night Latches is incorporated both the deadlocking and hold back features. Refer to page Nos. 89 to 91.

Night Works (Stop Works) • Interior mechanism of a lock which deadlocks the latch bolt against the outside knob or thumb piece. This mechanism is controlled by buttons in the front of the lock or by the inside cylinder.

Non-Ferrous • Containing no iron.

Nose Plate • A small plate surrounding the nose or escutcheon of a cylinder cabinet lock.

Office Locks • A lock usually having a latch controlled from both sides by knobs, with the latch arranged to be set by stops so that the outside knob may be rendered inoperative and entrance be gained by key only. The inside knob is always operative. If stop is set, the door locks when closed. A dead bolt or knob bolt may also be incorporated.

Oriel Window • A polygonal or semi-cylindrical overhanging window built out from a wall and resting on a bracket or corbels or upon a corbeled structure supported by an engaged column or pier. The Oriel should not be confused with Bay Windows or Bow Windows which reach to the ground.

Outside • Term used to indicate the side from which the hand and bevel of locks are determined, usually the outside of an entrance door, the hall side of a room door, and the room side of a closet door. It is less confusing to determine the hand and bevel of a lock from the side having the more important key function or, if the key function is the same on both sides, from the side on which the butts are invisible.

Paracentric • A term adopted to designate a distinctive type of key and keyway used in cylinder locks. A cross section of the keyway discloses ribs projecting from opposite sides staggered past its center line and extending longitudinally throughout its length, thereby preventing the use of picking tools. The sides of the key are grooved to correspond with the contour of the keyway, the key and keyway thus being interlocked throughout their length when the key is inserted.

Parting Strip (Bead) • The strip in a double hung window frame that separates the upper and lower sashes.

Pasquil Lock • One for a rolling or sliding desk top, resembling a horizontal cremone bolt in that it has two sliding rods which move in contrary directions. These rods engage at each end with the frame of the desk and are controlled by a locking mechanism in the center.

Pin Tumbler • Small pins contained in a cylinder, which dog the "plug" until they are perfectly aligned by a key, thus permitting the rotating of the "plug", which actuates the lock bolt. Refer to "Cylinder".

Plug (of a lock) • The cylindrical part, housed by the "shell" of a lock cylinder, which contains the cylinder keyway and rotates in the "shell" to actuate the lock bolts. Refer to "Cylinder" on Page No. 77A.

Preparatory Key System • A keying system in which the lock must be set up by a preparatory key before the regular key will operate.

Protected Strike • A strike with a flange fitting against the door stop, making it impossible to insert a sharp instrument between the casing and the stop for the purpose of sliding the latch bolt to a retracted position.

Pulley Stile • The vertical sides of a double hung sash casing to which the pulleys are applied.

Push Plate • A plate applied to a door to protect the surface against human hands when pushing the door open.

Rabbet • The offset on the abutting edges of a pair of double doors. Also the corresponding offsets on the fronts and strikes of rabbeted locks.

Rabbeted Lock • A mortise lock, the front of which is formed with an offset or rebate conforming to the corresponding rebate on the edge of door.

Rail (of door) • Any of the horizontal members which enclose the panels and which, with the stiles, constitute the frame work.

Reach (of a transom lift) • The distance from center of operating rod to the nearest edge of the transom sash.

Rebate • A recess to receive a door or window frame.

Recess (of a transom lift) • The distance inward from the face of the door casing to the face of the transom sash.

GLOSSARY, Cont.

Recessed Front • A recessed offset in the face of a lock front which fits a correlated offset in the strike. This prevents the reaching and retracting of the latch bolt by means of the insertion of a thin instrument between the door and jamb; and thus provides protection against that form of lock picking.

Reveal • The jamb of a door or window frame between a door or window and the face of a wall.

Reverse Bevel (of latch bolt) • A term used to indicate that the bevel of the latch bolt is reversed, or inclined in the opposite direction to that which is regular.

Reversed Door • One opening in the opposite direction to that which is usual or regular. Room doors if opening inward are "regular," if opening outward are "reversed." Cupboard doors are regular when opening out.

Reversible Lock • One in which the latch bolt can be reversed to adapt the lock to a door of either hand.

Rim • A term applied to articles of hardware intended to be applied to the surface of doors, windows, etc.

Rounded Front • The rounding of lock fronts to conform to the rounded edges of double acting doors. Standard radius 2¼ inches, but should have a "detail".

Rose • A base trim for a knob or lever for attachment to a door and containing a socket for supporting and guiding the shank of a knob or lever.

Rose, Auxiliary • A rose equipped with a spring on the under side for the purpose of holding a lever handle in a horizontal position.

Salon • A high hall, usually vaulted above and having two tiers of windows, generally used for social receptions, for the display of works of art, or for public entertainment, etc.

Screwless Knob • A knob fastened to a spindle by fastenings other than the side knob screw.

Selvage • The distance from the front edge to the center of the keyway of a cabinet lock.

Shank (of a key) • That part which connects the bit or wing with the bow or handle.

Shank (of a knob) • That part which contains the hole or socket to receive the spindle and which forms a base for the top or enlarged portion of knob.

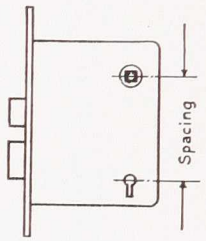
Sill • The stone or wood member across the bottom of a door or window opening.

Soffit • The under surface of a beam, lintel or arch.

Solarium • A sun porch or room, usually glass enclosed, designed to permit sunlight to enter.

Solid Rolled • "Solid Rolled" articles are made from flat rolled sheet metal of sufficient thickness to permit of beveling the edges by means of polishing.

Spacing • The distance between the center of the cylinder-hole, keyhole, or turn knob hub and the knob hub or the bottom of the lift on handle locks.



Spindle (of lock) • The axis or shaft, usually of square section, which carries the knobs of a lock and communicates their action to the latch mechanism.

Split Dead Bolt • Two dead bolts of the same or twin construction, both projecting from a common hole in the lock front, and engaging in a common opening in the lock strike. Used in communicating locks.

Stem (of a key) • The round portion of the bit or wing which forms the axis of the key, and on which it rotates when in the lock.

Stile • The vertical outside member of a door or window. Generally considered in Builders' Hardware as the member to which the butts and locking device are attached.

Stool • The wood shelf across the bottom and on the inside of a window opening.

Stop (of lock) • The mechanism, button, or lever, which serves to fasten a bolt or knob or both in the locked or unlocked position. May or may not take control away from the key.

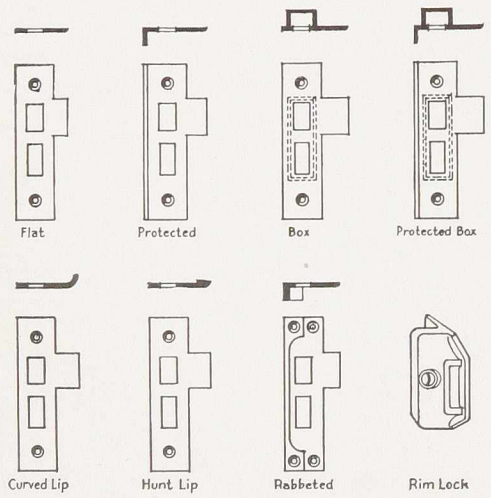
Stop Key • One for insertion in a keyhole from one side to prevent the entrance of a key from the opposite side.

Stop Works • Refer to "Night Works".

GLOSSARY, Cont.

Store Door Lock • Usually contains a latch bolt operated by thumb pieces from both sides and a dead bolt controlled by key from both sides. Has features similar to, if not the same, as an Entrance Door Lock.

Strike (keeper) • A metal fastening, applied to the door frame, into which the bolt of a latch is projected to secure the door.



Various Kinds of Strikes

Swinging Latch Bolt • Also called "Hinge Latch." A type of latch which is hinged at the inner face of the lock front and swings into the lock case, instead of sliding, on contact with the strike, thus affording easy action with little friction.

Sub-Master-Key • One which controls a subordinate group of master-keyed locks, each having a different key of its own, but all in turn controlled by the main or grand master key.

Swivel Spindle • A spindle having a joint or swivel midway in its length whereby the knob attached to one end may be held stationary and inoperative, while the knob attached to the other end is left free to rotate and thus to actuate the latch mechanism.

Talon • The notch or opening in the bolt of a lock with which the key engages to throw the bolt.

Thimble • The socket on an escutcheon plate which serves as a bearing for the knob shank.

Threshold • The stone, wood or metal piece directly under a door.

Thumb Piece • The piece on a handle lock set which is depressed by the thumb to retract the latch bolt.

Transom • A small ventilating window over a door or window.

Transom Bar • The horizontal member of a transom which divides the opening.

Tumbler • The obstruction or guard in a lock which dogs or prevents the motion of the bolt, and which is set by the key during the act of locking and unlocking.

Turn Knob • Refer to "Knob" on Page No. 80A.

Unit Lock • A term applied to a lockset when so constructed that all of its parts (the lock, knobs and escutcheon plates) are permanently combined in a single, integral unit.

Upright Lock • A lock whose case is higher than it is wide.

Veneered Front • A lock front or face consisting of two plates, the lower riveted to the lock case, and the upper (usually of more expensive material) permanently fastened to the lower. Used in contradistinction to the "Armored front."

Vestibule Door Lock • A mortise night latch often controlled from the outside by thumb pieces.

Ward • A projection in the case or the keyhole of a lock, obstructing the entrance or rotation of an unmatched key.

Warded Key • One having grooves or notches, or both, usually in the wing or bit, which coincide with corresponding projections, or wards in the lock case or keyhole.

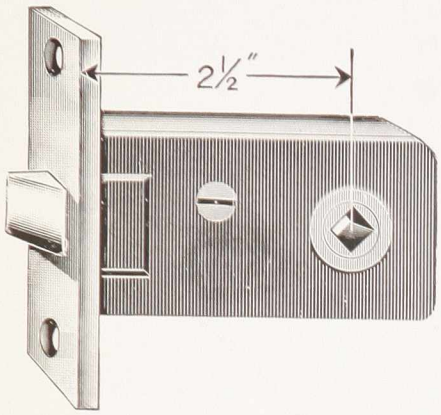
Warded Lock • A lock having for obstacles projections cast in the keyhole opening or on the inside of the case. This requires corresponding grooves in the key to permit it to enter and turn. The warded lock is inexpensive and offers little security. The number of variations in wards is few. Twelve is the usual limit. Usually only four are employed, which means that every fourth lock can be opened by the same key and four keys would enter and operate every lock in the series. The warded lock is simple to pick. Due to the limited number of key changes and the lack of security, warded locks are not used when master-keying is required.

Wing Key • One having a winged projection for operating the bolt or tumblers of a lock.

SAGER Locks

FILE BETWEEN

MORTISE LATCHES



No. 120

DIMENSIONS

CASE Japanned iron, 1¾x3⅜x⁹⁄₁₆ inches.
Add ¾ inch to special backsets for width of case.
FRONT Flat, 3½x⅞ inches.
STRIKE Center of opening to end of lip, 1⅛ inches.
BACKSET Regular—2½ inches.
Special—1½, 1¾, 2, 2⅜ and 3 inches.
HUB Bronze, for knob spindle, ⁵⁄₁₆ inch.
LATCH ⁷⁄₁₆ inch throw.

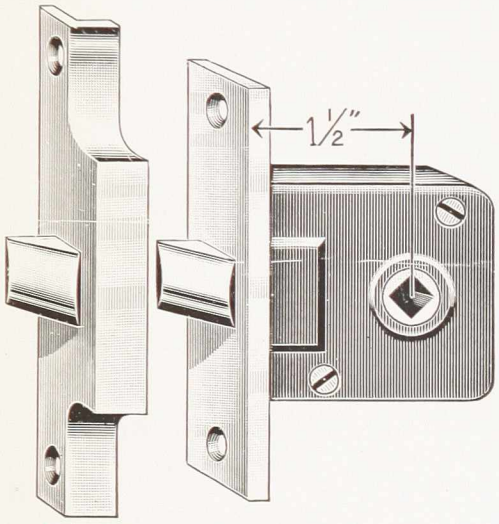
OPERATION

Latch Bolt, by knobs from both sides.

REVERSIBLE—Type "C" Construction, Page No. 51A

Number	Front	Bolts
120	Cast Bronze	Cast Bronze

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.



No. 115R No. 115

DIMENSIONS

CASE Japanned iron, 2x2¼x¹¹⁄₁₆ inches.
Add ¾ inch to special backsets for width of case.
FRONT Flat—4x⅞ inch. Rabbeted—4¾x¹⁵⁄₁₆ inch.
STRIKE Center of opening to end of lip 1⅛ inches.
BACKSET Flat, Regular—1½ inches.
Flat, Special—1¼-1¾ and 2 inches.
Rabbeted, 2x1½ inches.
HUB Bronze for spindle, ⁵⁄₁₆ inch.
LATCH ⁷⁄₁₆ inch throw.

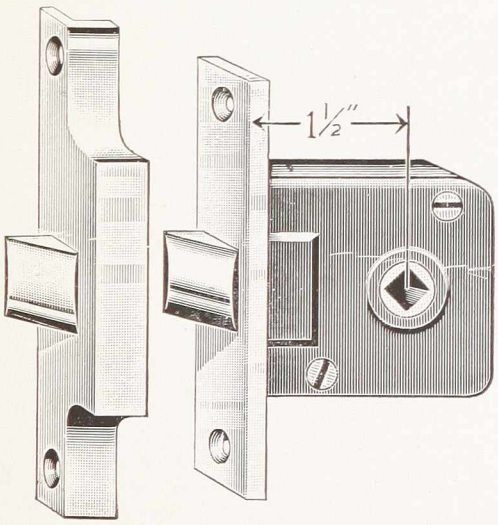
OPERATION

Latch Bolt, by knobs or lever handles from both sides.
This Latch has a heavy coil spring acting both ways to carry lever handles.

REVERSIBLE—Type "L" Construction, Page No. 51A

Number	Front	Bolts
115	Cast Bronze	Cast Bronze
115R	Cast Bronze	Cast Bronze

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.



No. 122R No. 122

DIMENSIONS

CASE Japanned iron, 2x2¼x¹¹⁄₁₆ inches.
Add ¾ inch to special backsets for width of case.
FRONT Flat 4x1¹⁄₁₆ inches. Rabbeted—4¾x1⅛ inches.
STRIKE Center of opening to end of lip, 1 inch.
BACKSET Flat, Regular—1½ inches.
Flat, Special—1¼-1¾ and 2 inches.
Rabbeted, 2x1½ inches.
HUB Bronze for spindle, ⁵⁄₁₆ inch.
LATCH ⁷⁄₁₆ inch throw.

OPERATION

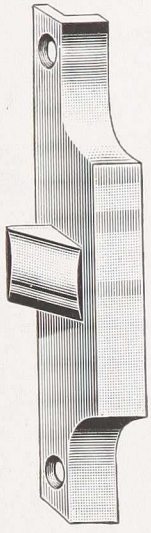
Latch Bolt, by knobs or lever handles from both sides.
This Latch has a heavy coil spring acting both ways, to carry lever handles.

REVERSIBLE—Type "L" Construction, Page No. 51A

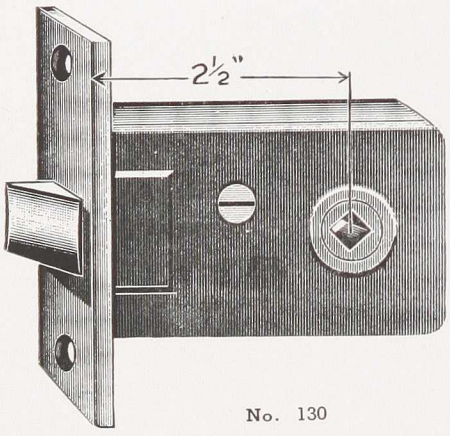
Number	Front	Bolts
122	Cast Bronze	Cast Bronze
122R	Cast Bronze	Cast Bronze

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.

MORTISE LATCHES



No. 130R



No. 130

DIMENSIONS

CASE Japanned iron, 2x3⅜x⅝ inches.
Add ⅞ inch to special backset for width of case.
FRONT Flat, 4x1 1/16 inches.
Rabbeted, 4¾x1⅛ inches.
STRIKE Center of opening to end of lip, 1 inch.
BACKSET Flat, regular, 2½ inches.
Flat, special, 2¾ inches.
Rabbeted, 2½x2 inches.
HUB Bronze, for knob spindle, 5/16 inch.
LATCH 7/16 inch throw.

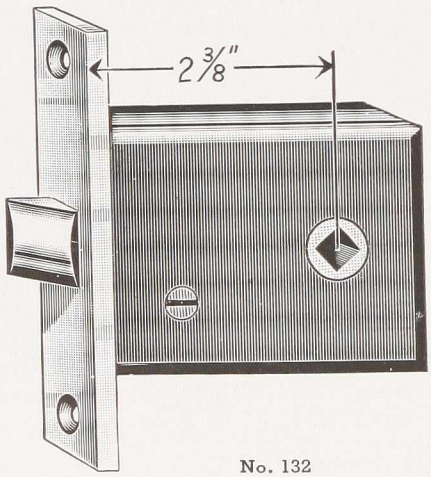
OPERATION

Latch Bolt, by knobs from both sides.

REVERSIBLE—Type "C" Construction, Page No. 51A

Number	Front	Bolts
130	Cast Bronze	Cast Bronze
130R	Cast Bronze	Cast Bronze

Packed ½ dozen in a box, with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



No. 132

DIMENSIONS

CASE Japanned iron, 2⅜x3¼x¾ inches.
Add ⅞ inches to special backsets for width of case.
FRONT Flat, 4¼x15/16 inches.
STRIKE Center of opening to end of lip, 1¼ inches.
BACKSET Regular, 2⅜ inches.
Special, 3 inches.
HUB Bronze, for knob spindle, 5/16 inch.
LATCH 7/16 inch throw.
NOTE—This latch has the same backset as the cylinder rim latches and can be used in conjunction with them.

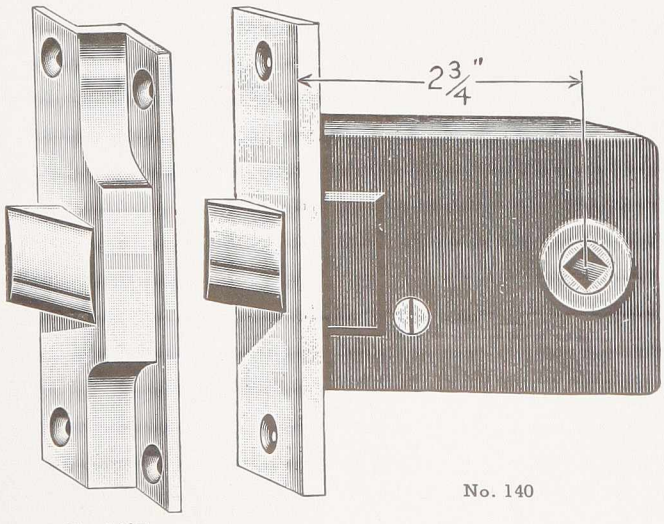
OPERATION

Latch Bolt, by knobs from both sides.

REVERSIBLE—Type "D" Construction, Page No. 51A

Number	Front	Bolts
132	Cast Bronze	Cast Bronze

Packed ½ dozen in a box, with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



No. 140R

No. 140

DIMENSIONS

CASE Japanned iron, 2½x3⅜x¾ inches.
FRONT Flat, 4½x1⅛ inches.
Rabbeted, 4¾x1 3/16 inches.
STRIKE Center of opening to end of lip, 1⅜ inches.
BACKSET Flat, 2¾ inches.
Rabbeted, 2¾x2¼ inches.
HUB Bronze, for knob spindle, 5/16 inch.
LATCH ½ inch throw.

OPERATION

Latch Bolts, by knobs from both sides.

REVERSIBLE—Type "D" Construction, Page No. 51A

Number	Front	Bolts
140	Cast Bronze	Cast Bronze
140R	Cast Bronze	Cast Bronze

Packed ½ dozen in a box, with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE LATCHES

HEAVY DUTY STANDARDIZED MORTISE LATCH

Nos. 141 to 9141

DIMENSIONS

CASE Japanned iron, 6x3⅞x1 13/16 inches.
FRONT Flat, **armored,** regular, 8x1¼ inches.
Special, beveled, ⅛ inch on 2 inches.
STRIKE Cast bronze, regular, for wood doors, center of opening to end of lip, 1½ inches.
Cast bronze, special, No. 9 for metal doors, center of opening to end of lip, 1⅜ inches. Refer to Page No. 56A for description.
BACKSET 2¾ inches.
LATCH BOLT 9/16 inch throw.
HUB Bronze, for knob spindle, 5/16 inch.

OPERATION

Latch Bolt, by knobs from both sides.

No. 141—For wood doors.

No. 9141—Same as No. 141 except made to template and packed with No. 9 strike and machine screws for metal door and jamb.

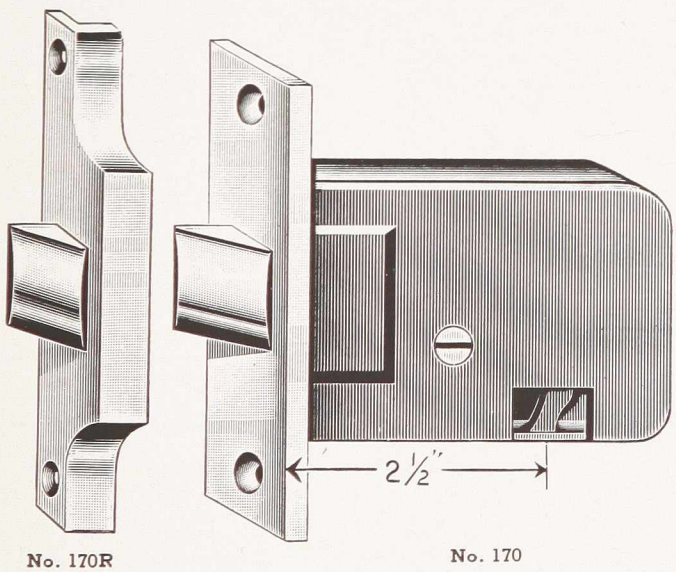
We manufacture a complete series of heavy duty standardized locks for wood doors and metal doors which fit same mortise dimensions.

REVERSIBLE—Type "O" Construction, Page No. 51A

Number	Front	Bolts
141	Cast Bronze, Flat	Cast Bronze
9141	Cast Bronze, Flat	Cast Bronze

Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Beveled front locks, Not Reversible. Specify hand described on Page No. 41A.

FOR USE WITH HANDLES



No. 170R

No. 170

DIMENSIONS

CASE Japanned iron, 2⅜x3 5/8x¾ inches.
Add 1⅛ inches to special backsets for width of case.
FRONT Flat, 4⅜x1⅛ inches.
Rabbeted, 4¾x1⅛ inches.
STRIKE Center of opening to end of lip, 1½ inches.
BACKSET Flat, regular, 2½ inches.
Flat, special, 2 and 3 inches.
Rabbeted, 2½x2 inches.
LIFT Iron.
LATCH 7/16 inch throw.

OPERATION

Latch Bolt, by thumb pieces from both sides.

REVERSIBLE—Type "N" Construction, Page No. 51A

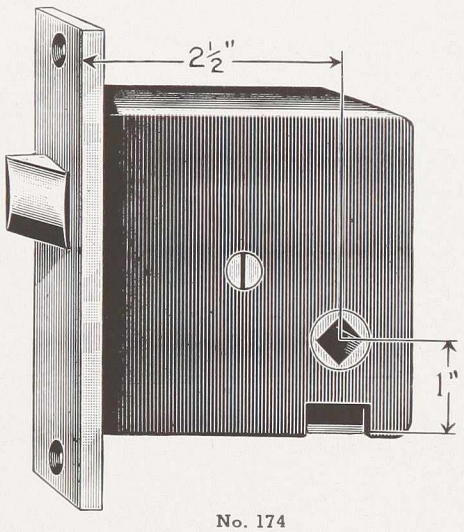
Number	Front	Bolts
170	Cast Bronze	Cast Bronze
*170R	Cast Bronze, Rabbeted	Cast Bronze

Packed ½ dozen in a box, complete with screws.
*Not Reversible. Specify hand described on Page No. 41A.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE LATCHES

FOR INSIDE DOORS

For use with handle one side and knob on opposite side



No. 174

DIMENSIONS

CASE	Japanned iron, 3 3/16 x 3 1/4 x 3/4 inches.
FRONT	Flat, 4 3/4 x 1 inches.
STRIKE	Center of opening to end of lip, 1 1/4 inches.
BACKSET	2 1/2 inches.
SPACING	Center of hub to bottom of lift, 1 inch.
HUB	Bronze, for knob spindle, 5/16 inch.
LIFT	Iron.
LATCH	7/16 inch throw.

OPERATION

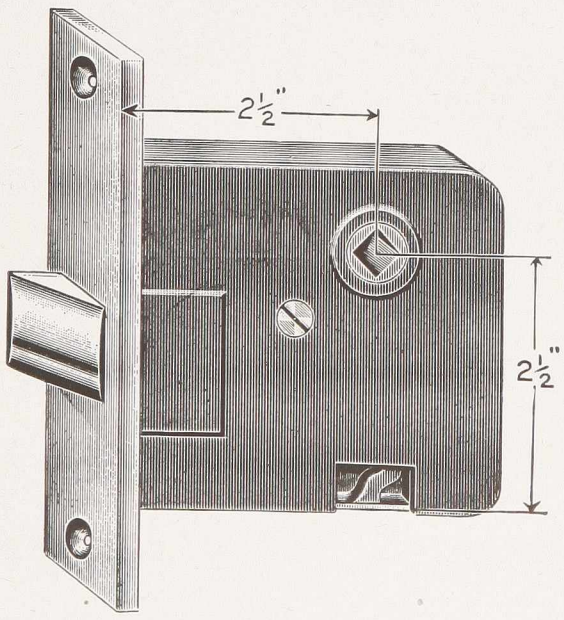
Latch Bolt, by thumb pieces or knobs from either side at all times.

REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front	Bolt
174	Cast Bronze	Cast Bronze

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.

FOR FRONT OR VESTIBULE DOORS



No. 175

DIMENSIONS

CASE	Japanned iron, 3 1/4 x 3 5/8 x 3/4 inches.
FRONT	Flat, 5 1/4 x 1 1/8 inches.
STRIKE	Center of opening to end of lip, 1 1/2 inches.
BACKSET	2 1/2 inches.
SPACING	Center of hub to bottom of lift, 2 1/2 inches.
HUB	Bronze, for knob spindle, 5/16 inch.
LIFT	Iron.
LATCH	7/16 inch throw.

OPERATION

Latch Bolt, by thumb pieces or knobs from either side, at all times.

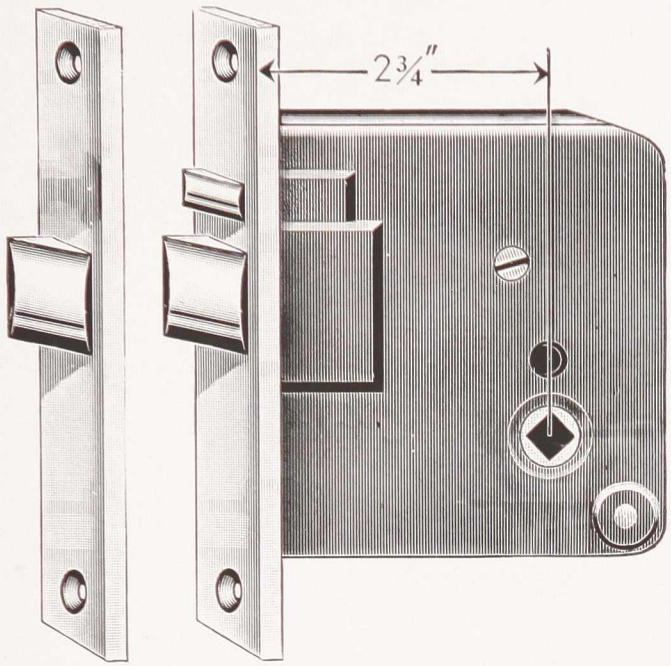
REVERSIBLE—Type "N" Construction, Page No. 51A

Number	Front	Bolt
175	Cast Bronze	Cast Bronze

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.

MORTISE LATCHES

FOR EXIT DOORS—3/4 INCH THROW LATCH BOLTS



No. 180 No. 181

DIMENSIONS

CASE Japanned iron, 4x3⅞x13/16 inches.
FRONT Flat, 6x1¼ inches.
STRIKE Center of opening to end of lip, 1¼ inches.
BACKSET 2¾ inches.
HUB Bronze, for knob spindle, 5/16 inch.
LATCH 3/4 inch throw.

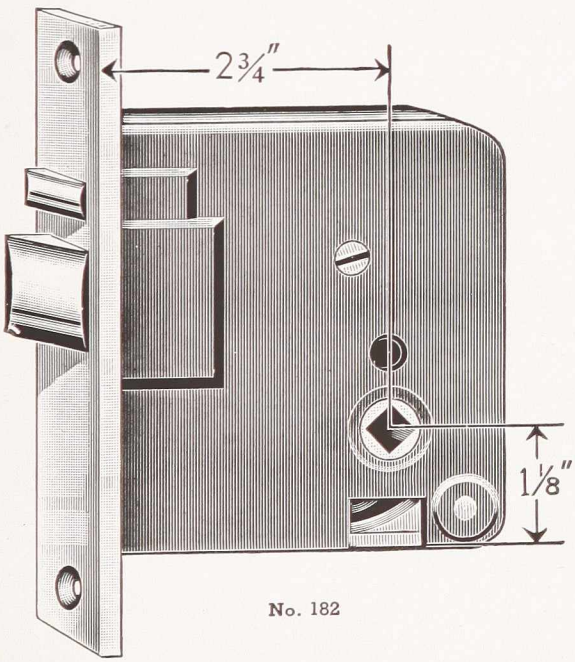
OPERATION

No. 180—Without auxiliary bolt, by knobs from either side.
No. 181—With auxiliary bolt, by knob with No. 01937 spindle, from inside only. When door is closed the auxiliary bolt automatically deadlocks the latch bolt, making it proof against end pressure.

REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front	Bolts
180	Cast Bronze	Cast Bronze
181	Cast Bronze	Cast Bronze

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.



No. 182

DIMENSIONS

CASE Japanned iron, 4x3⅞x13/16 inches.
FRONT Flat, 6x1¼ inches.
STRIKE Center of opening to end of lip, 1¼ inches.
BACKSET 2¾ inches.
SPACING Center of hub to bottom of lift piece, 1⅛ in.
HUB Bronze, for knob spindle, 5/16 inch.
LATCH 3/4 inch throw.

OPERATION

Latch Bolt, by thumb piece or by knob from one side only. When door is closed, the auxiliary bolt automatically dead locks the latch bolt, making it proof against end pressure.

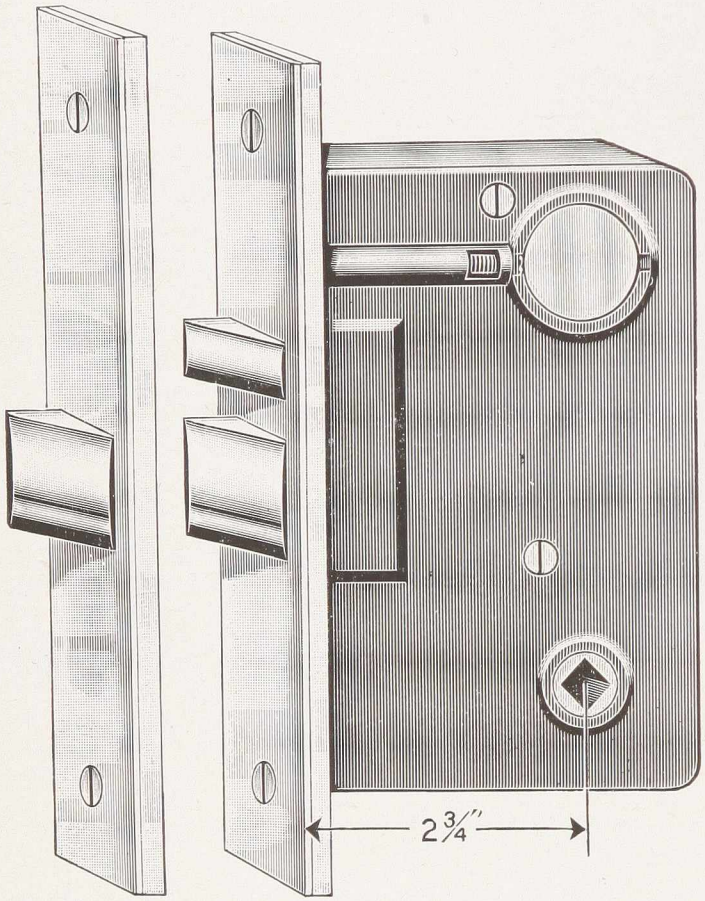
REVERSIBLE—Type "N" Construction, Page No. 51A

Number	Front	Bolts
182	Cast Bronze	Cast Bronze

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

HEAVY DUTY STANDARDIZED MORTISE LATCHES

3/4 INCH THROW LATCH BOLT



Nos. 184 and 9184 Nos. 185 and 9185

DIMENSIONS

CASE	Japanned iron, 6x3 7/8x13/16 inches.
FRONT	Flat, **armored,** regular, 8x1 1/4 inches. Special, beveled, 1/8 inch on 2 inches.
STRIKE	Cast Bronze, Regular, for wood doors, center of opening to end of lip, 1 1/2 inches. Cast Bronze, Special, No. 9 for metal doors. Center of opening to end of lip, 1 3/8 inches. Refer to Page No. 56A for description.
BACKSET	2 3/4 inches.
HUB	Bronze, for knob spindle 5/16 inch.
LATCH BOLT	3/4 inch throw.

OPERATION

No. 184—Without auxiliary Latch Bolt by knobs from both sides.

No. 9184—Same as No. 184 except made to template and packed, with No. 9 strike and machine screws for metal door and jamb.

No. 185—With auxiliary Latch Bolt by knob from either side, using 01937 spindle. No trim opposite side. The auxiliary Latch Bolt automatically dead locks the Latch Bolt making it proof against end pressure.

No. 9185—Same as No. 185 except made to template and packed, with No. 9 strike and machine screws for metal door and jamb.

We manufacture a complete series of heavy duty standardized locks for wood doors and metal doors which fit same mortise dimensions.

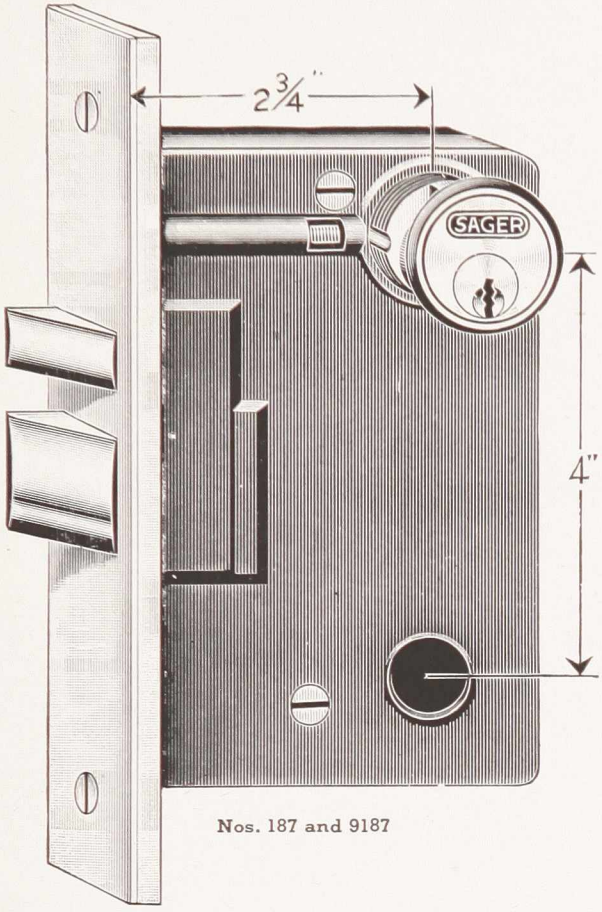
REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front	Bolts
184	Cast Bronze, Flat	Cast Bronze
9184	Cast Bronze, Flat	Cast Bronze
185	Cast Bronze, Flat	Cast Bronze
9185	Cast Bronze, Flat	Cast Bronze

Packed each in a box, complete with screws.
Beveled front locks, Not Reversible. Specify hand described on Page No. 41A.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

HEAVY DUTY STANDARDIZED MORTISE LATCHES

FOR PIPE SHAFT DOORS—3/4 INCH THROW LATCH BOLT



Nos. 187 and 9187

DIMENSIONS

CASE	Japanned iron, 6x3 7/8x1 13/16 inches.
FRONT	Flat, Armored, Regular, 8x1 1/4 in. Special, beveled, 1/8 in. on 2 in.
STRIKE	Cast Bronze, Regular for wood doors, center of opening to end of lip, 1 1/2 inches. Cast Bronze, Special, No. 9 for metal doors, center of opening to end of lip, 1 3/8 inches. Refer to Page No. 56A for description
HUB	None.
BACKSET	2¾ inches.
LATCH BOLT	3/4 inch throw.

OPERATION

No. 187—Latch Bolt, by key from outside. Auxiliary latch bolt automatically dead locks the latch bolt, making proof against end pressure.

This Lock has no hubs to operate latch bolts, but hub holes are left open so a closet spindle can be passed through lock to be used for dummy knob to act as pull.

No. 9187—Same as No. 187 except made to template and packed with No. 9 strike and machine screws for metal door and jamb.

MASTER-KEYING

Cylinder can be master keyed with any lock using Key Class 88.

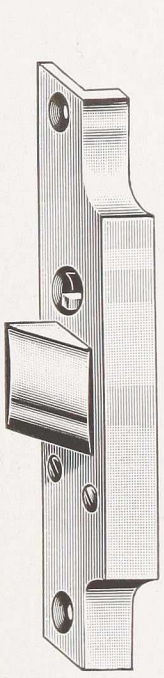
We manufacture a complete series, heavy duty standardized locks for wood doors and metal doors which fit same mortise dimensions.

REVERSIBLE—Type "M" Construction, Page No. 51A

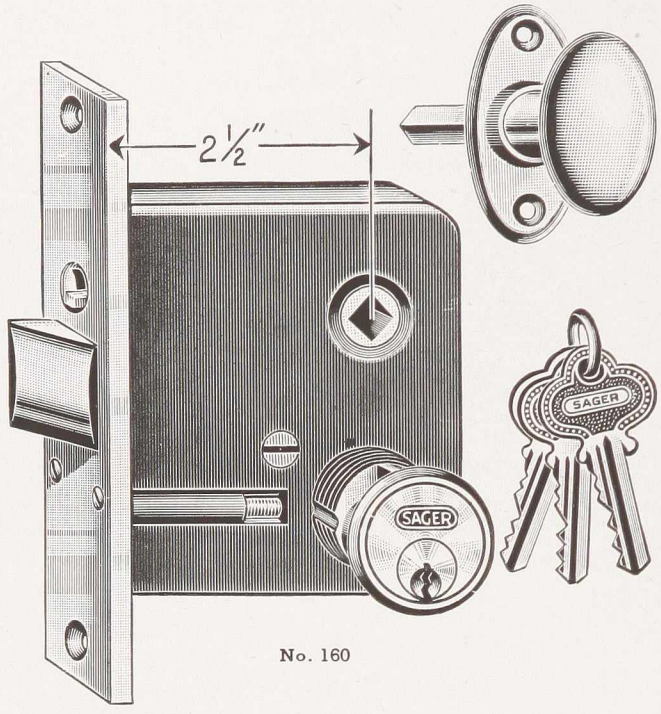
Number	Front and Bolts	Cylinders	Keys	Changes
187	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
9187	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed 1 in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Beveled front locks, Not Reversible. Specify hand described on Page No. 41A.
Specify thickness of door.

MORTISE LATCHES



No. 160R



No. 160

DIMENSIONS

CASE Japanned iron, 3⅝x3⅜x¾ inch.

FRONT Flat, 5¾x1 inches.
Rabbeted, 6x1⅛ inches.

STRIKE Center of opening to end of lip 1½ inches.

SPACING Center of hub to center of cylinder—1⅞ inches.

BACKSET Flat—2½ inches.
Rabbeted—2½x2 inches.

HUB Bronze, for knob spindle, 5/16 in.

LATCH ½ inch, throw.

OPERATION

No. 160, 160R—Latch Bolt by key from outside and by knob inside.

MASTER KEYING

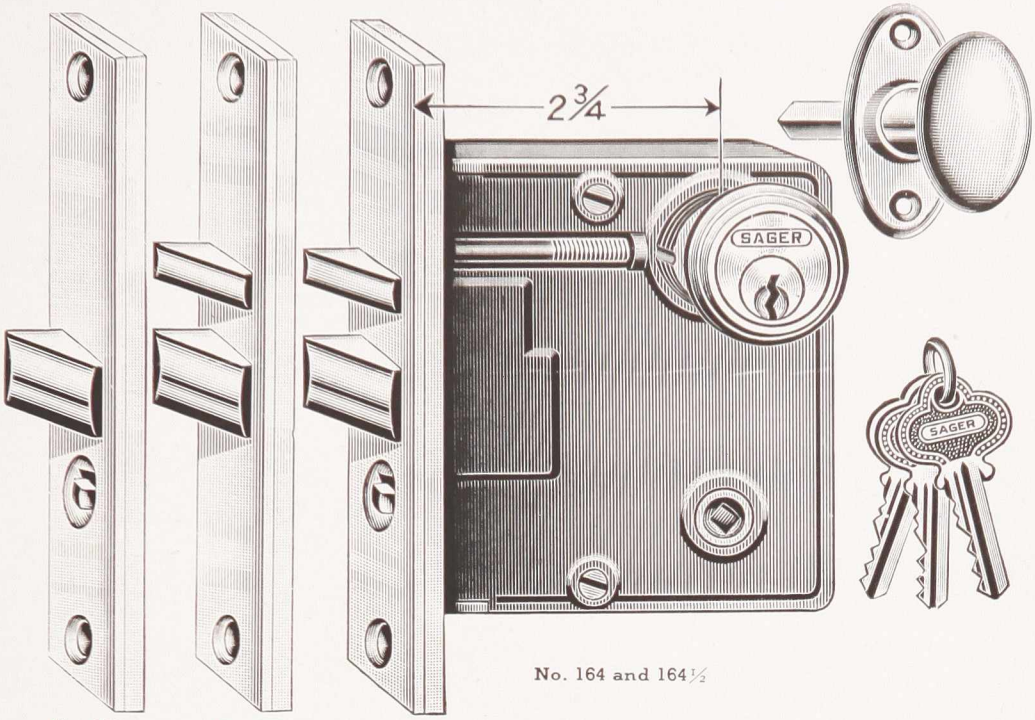
Can be master keyed with any cylinder using Key Class 88.

REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front and Bolts	Knob and Rose	Cylinder	Keys	Changes
160	Cast Bronze, Flat	No. 2100R—1¾x1⅛	One No. 1901	Three Class 88	Unlimited
***160R**	Cast Bronze, Rabbet	No. 2100R—1¾x1⅛	One No. 1901	Three Class 88	Unlimited

Packed each in a box, complete with screws. *Not reversible, specify hand described on Page No. 41A. Specify Number and Finish. Refer to Page No. 32A for description of finishes. Specify thickness of door.

MORTISE LATCHES



No. 163 and 163½ | No. 165 and 165½ | No. 164 and 164½

DIMENSIONS

CASE	Japanned iron, 4¼x3¾x¾ in.
FRONT	Flat, **armored,** 6¼x1⅛ in.
STRIKE	Center of opening to end of lip, 1¼ inches.
SPACING	Center of hub to center of cylinder, 2½ in.
BACKSET	2¾ inches.
HUB	Bronze for knob spindle, 5/16 in.
LATCH	½ inch throw.

OPERATION

†**No. 163**—No auxiliary latch. Latch bolt by key from outside, by knob from inside.

†**No. 163½**—No auxiliary latch. Latch bolt by key from both sides.

†**No. 164**—Auxiliary latch. Latch bolt by key from outside, by knob from inside.

†**No. 164½**—Auxiliary latch. Latch bolt by key from either side.

†Bolts on all above types can be held retracted by stop in front of lock.

No. 165—Auxiliary latch. Latch bolt by key from outside, by turn knob from inside. Bolts can be held retracted by key.

No. 165½—Auxiliary latch. Latch bolt by key from outside, by turn knob from inside. Bolts can be held retracted by key of inside cylinder.

MASTER KEYING

Can be master keyed with any cylinder using Key Class 88.

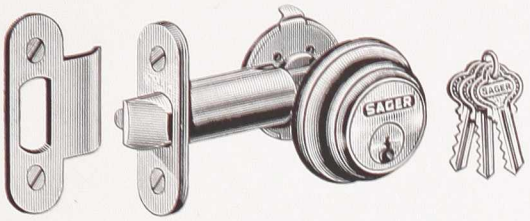
REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front and Bolts	Knob and Rose	Cylinder	Keys	Changes
163	Cast Bronze	No. 2100R—1¾x1⅛	One No. 1901	Three, Class 88	Unlimited
163½	Cast Bronze	None	Two No. 1901	Three, Class 88	Unlimited
*164	Cast Bronze	No. 2100R—1¾x1⅛	One No. 1901	Three, Class 88	Unlimited
*164½	Cast Bronze	None	Two No. 1901	Three, Class 88	Unlimited
*165	Cast Bronze	No. 2100R—1¾x1⅛	One No. 1901	Three, Class 88	Unlimited
*165½	Cast Bronze	No. 2100R—1¾x1⅛	Two No. 1901	Three, Class 88	Unlimited

*Not reversible, specify hand described on Page No. 41A. Packed each in a box, complete with screws. Specify Number and Finish. Refer to Page No. 32A for description of finishes. Specify thickness of door.

MORTISE TUBULAR DEAD LATCH

AUTOMATIC DEADLOCKING BOLT



Ring

Ring
(Illustration ½ size)
No. 167

Turn knob and plate

CASE Die cast, cadmium plated, 7/8x3 1/8 inches.
FRONT Forged brass, 2¾x1 inches.
STRIKE 2¾x1 inches. Center of opening to end of lip, 1 5/16 inches.
BACKSET 2⅜ inches.
LATCH BOLT ¾x17/32 with 9/16 inch throw.
TURN KNOB One, plate, wrought bronze or brass, 1¾ inches in diameter. Turn knob, die cast, with bronze or brass scalp covering knob.
CYLINDER RINGS Three packed with each latch, suitable for doors 1 5/16 to 2¼ inches thick.

OPERATION
From outside by key, from inside by turn knob. Bolt may be held back by stop. When door is closed the trigger bolt automatically dead locks the latch bolt and makes it proof against end pressure.

MASTER KEYING
Can be master keyed with any cylinder using Key Class 88.

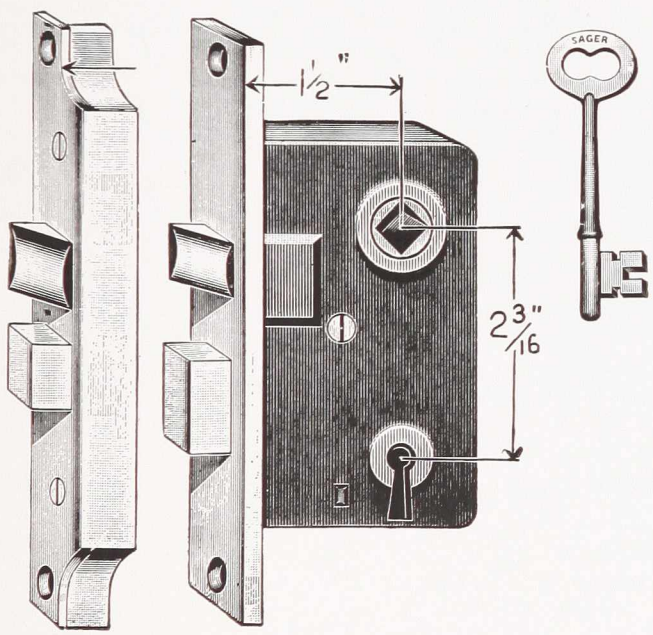
Not Reversible, Specify Hand Described on Page 41A

Number	Front	Bolts	Cylinder	Keys	Changes
167	Wrought Brass	Extruded Brass	One, No. 1902S	Three No. 1888	Unlimited

Packed each in a box, complete with screws and template.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE LOCKS

FOR FRENCH DOORS



Nos. 230R and 235R

No. 230

DIMENSIONS

CASE Japanned iron, 3 5/8x2¼x9/16 inches. Add ¾ inch to special backsets for width of case.
FRONT Flat, 5¼x⅞, Rabbeted 5 5/8x⅞ inches.
STRIKE Center of opening to end of lip, 1 inch.
SPACING Center of key hole to center of hub 2 3/16 inches.
BACKSET Flat, Regular—1½ inches.
Flat, Special—1, 1¼, 1¾ and 2 inches.
Rabbet, Regular—1½x1 inches.
Rabbet, Special—1¾x1¼ and 2x1½ inches.
RABBET Depth ½ inch. See foot note for ⅜ inch.
HUB Iron for knob spindle, 5/16 inch.
LATCH BOLT 7/16 inch throw.
DEAD BOLT ½ inch throw.

OPERATION

Latch Bolt, by knobs or lever handles from both sides.

Dead Bolt, by key from either side.

To reverse rabbeted front locks, remove front, and reverse the front and latch bolt. The latch bolt and dead bolt have the same size openings.

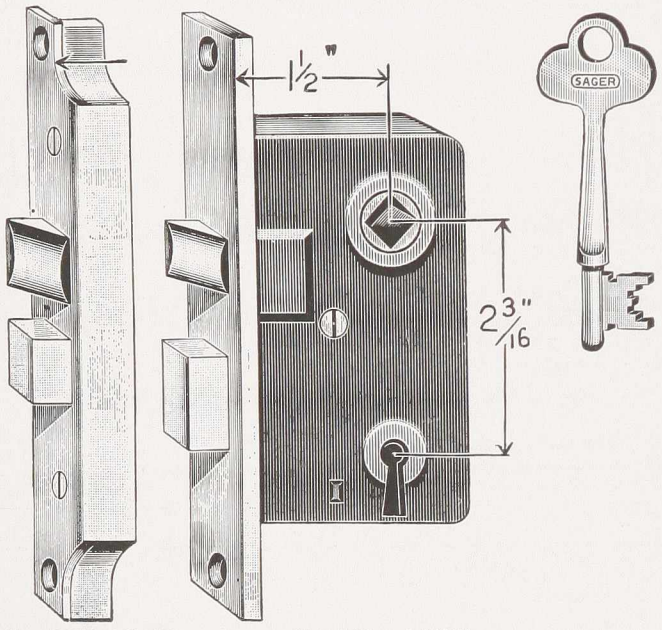
REVERSIBLE—Type "K" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Change Keys	Changes	Master Keys
230	Wrought Steel	Cast Iron	One, Cast Iron	One, No. 1813A	4	None
230R	Wrought Steel	Cast Iron	One, Cast Iron	One, No. 1813A	4	None
*235R	Wrought Steel	Cast Iron	One, Cast Iron	One, No. 1813A	4	None

Packed ½ dozen in a box, complete with screws. *No. 235R has special depth rabbet, ⅜ inch.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.

MORTISE LOCKS

FOR FRENCH DOORS



Nos. 240R, 240¾R and 245R

Nos. 240 and 240¾

DIMENSIONS

CASE	Japanned iron, 3⅝x2¼x⁹⁄₁₆ inches. Add ¾ inch to special backsets for width of case.
FRONT	Flat, 5¼x⅞, Rabbeted 5⅝x⅞ inches.
STRIKE	Center of opening to end of lip, 1 inch.
SPACING	Center of key hole, to center of hub 2³⁄₁₆ inches.
BACKSET	Flat, Regular—1½ inches. Flat, Special—1, 1¼, 1¾ and 2 inches. Rabbet, Regular—1½x1 inches. Rabbet, Special—1¾x1¼ and 2x1½ inches.
RABBET	Depth, ½ inch. See foot note for ⅜ inch.
HUB	Iron, for knob spindle, ⁵⁄₁₆ inch.
LATCH BOLT	⁷⁄₁₆ inch throw.
DEAD BOLT	½ inch throw.

OPERATION

Latch Bolt, by knobs or lever handles from both sides. Dead Bolt, by key from either side.

To reverse rabbeted front locks, remove front, and reverse the front and latch bolt. The latch bolt and dead bolt have the same size opening.

MASTER KEYING

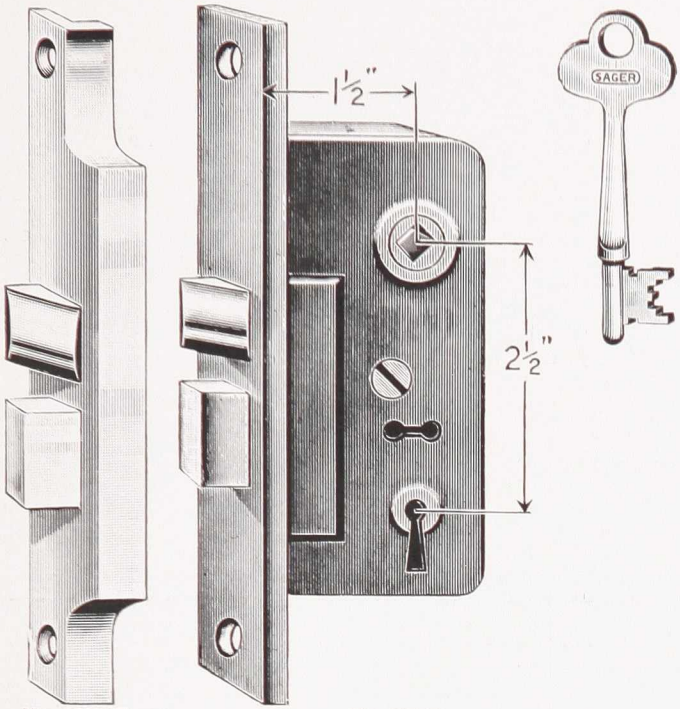
Nos. 240¾MK and 240¾RMK can be master keyed in 8 sets of 80 each. The 640 all different, with each set subject to a master key and all subject to a grand master key. These locks can be master keyed with any lock using same class master key.

REVERSIBLE—Type "K" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Change Keys	Changes	Master Keys
240	Cast Bronze	Cast Bronze	One, Cast Iron	One No. 1813A	4	None
240R	Wrought Bronze	Cast Bronze	One, Cast Iron	One No. 1813A	4	None
240¾	Cast Bronze	Cast Bronze	Three, Steel	One No. 1817F	36	None
240¾MK	Cast Bronze	Cast Bronze	Three, Steel	One No. 1817F	640	No. 1817FM
240¾R	Wrought Bronze	Cast Bronze	Three, Steel	One No. 1817F	36	None
240¾RMK	Wrought Bronze	Cast Bronze	Three, Steel	One No. 1817F	640	No. 1817FM
*245R	Wrought Bronze	Cast Bronze	One, Cast Iron	One No. 1813A	4	None

Packed ½ dozen in a box, complete with screws. *No. 245R has special depth rabbet ⅜ inch.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE LOCKS



No. 221¾R

No. 221¾

DIMENSIONS

CASE	Japanned iron, 4¼x2¼x11/16 inches. Add ¾ inch to special backsets for width of case.
FRONT	Flat, 6¼x1 1/16 in. Rabbeted, 7x1⅛ in.
STRIKE	Center of opening to end of lip, 1⅛ in.
SPACING	Center of keyhole to center of hub, 2½ in.
BACKSET	Flat, Regular, 1½ inches. Flat, Special, 1¾ and 2 inches. Rabbeted, Regular, 1½x1 inches. Rabbeted, Special, 1¾x1¼ inches and 2x1½ inches.
RABBET	Depth, ½ inch.
HUB	Bronze, for knob spindle, 5/16 inch.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.

OPERATION

Latch Bolt, by knobs or lever handles from both sides.
Dead Bolt, by key from either side.
This latch has heavy coil spring acting both ways to carry lever handles.

MASTER KEYING

Nos. 221¾MK and 221¾RMK can be master keyed in 8 sets of 80 each. The 640 all different, with each set subject to a master key and all subject to a grand master key.

These locks can be master keyed with any lock using the same class master key.

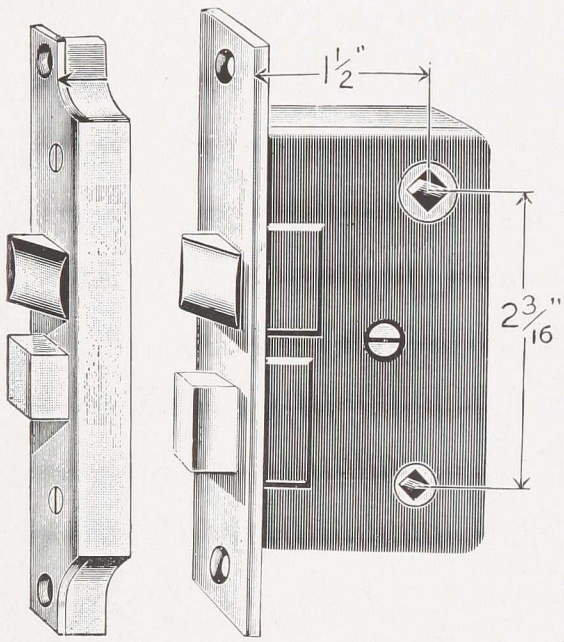
REVERSIBLE—Type "L" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Change Key	Changes	Master Key
221¾	Cast Bronze	Cast Bronze	Three, Steel	No. 1817F	36	None
221¾MK	Cast Bronze	Cast Bronze	Three, Steel	No. 1817F	640	No. 1817FM
*221¾R	Cast Bronze	Cast Bronze	Three, Steel	No. 1817F	36	None
*221¾RMK	Cast Bronze	Cast Bronze	Three, Steel	No. 1817F	640	No. 1817FM
†225¾R	Cast Bronze	Cast Bronze	Three, Steel	No. 1817F	36	None

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
†**No. 225¾R** has special depth rabbet, ⅜ inch.
*Not reversible. Specify hand described on Page No. 41A.

MORTISE LOCKS

FOR FRENCH DOORS



No. 232R and 242R

No. 232 and 242

DIMENSIONS

CASE	Japanned iron, 3⅝x2¼x⁹⁄₁₆ inches. Add ¾ inch to special backsets for width of case.
FRONT	Flat, 5¼x⅞ inches. Rabbeted, 5⅝x⅞ inches.
STRIKE	Center of opening to end of lip, 1⅛ inches.
SPACING	Center of hub to center of hub, 2³⁄₁₆ inches.
BACKSET	Flat, Regular, 1½ inches. Flat, Special, 1¾ and 2 inches. Rabbeted, Regular, 1½x1 inches. Rabbeted, Special, 1¾x1¼ inches and 2x1½ inches.
RABBET	Depth, ½ inch. See footnote for ⅜ inch rabbet.
HUB	Bronze, for knob spindle, ⁵⁄₁₆ inch. Bronze, for turn knob spindle, ³⁄₁₆ inch.
LATCH BOLT	⁷⁄₁₆ inch throw.
DEAD BOLT	½ inch throw.

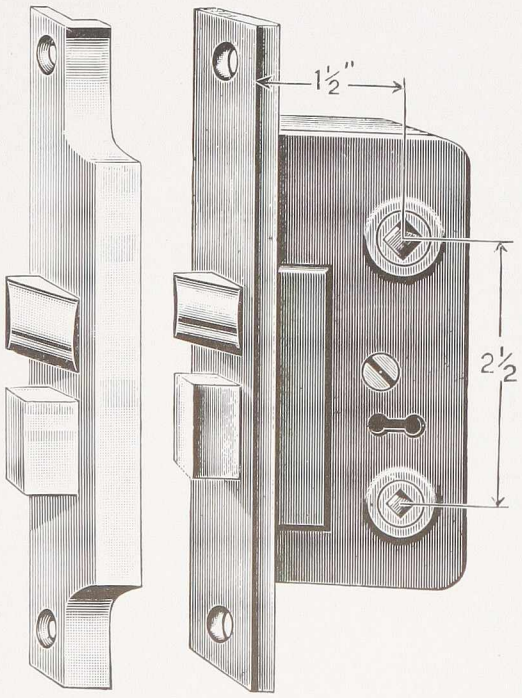
OPERATION

Latch Bolt, by knobs or lever handles from both sides.
Dead Bolt, by turn knob from either side.
To reverse rabbeted front locks, remove front and reverse the front and latch bolt. The latch bolt and dead bolt have the same size opening.

REVERSIBLE—Type "K" Construction, Page No. 51A

Number	Front	Bolts
232	Wrought Steel	Cast Iron
232R	Wrought Steel	Cast Iron
*237R	Wrought Steel	Cast Iron
242	Cast Bronze	Cast Bronze
242R	Cast Bronze	Cast Bronze
*247R	Cast Bronze	Cast Bronze

Packed ½ dozen in a box, complete with screws.
*Nos. 237R and 247R have special depth rabbet, ⅜ inch.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



No. 222R

No. 222

DIMENSIONS

CASE	Japanned iron, 4¼x2¼x¹¹⁄₁₆ inches. Add ¾ inch to special backsets for width of case.
FRONT	Flat, 6¼x1 1⁄16 inches. Rabbeted, 7x1⅛ inches.
STRIKE	Center of opening to end of lip, 1⅛ inches.
SPACING	Center of hub to center of hub, 2½ inches.
BACKSET	Flat, Regular, 1½ inches. Flat, Special, 1¾ and 2 inches. Rabbeted, Regular, 1½x1 inches. Rabbeted, Special, 1¾x1¼ inches and 2x1½ inches.
RABBET	Depth, ½ inch.
HUB	Bronze, for knob spindle, ⁵⁄₁₆ inch. Bronze, for turn knob spindle, ³⁄₁₆ inch.
LATCH BOLT	⁷⁄₁₆ inch throw.
DEAD BOLT	½ inch throw.

OPERATION

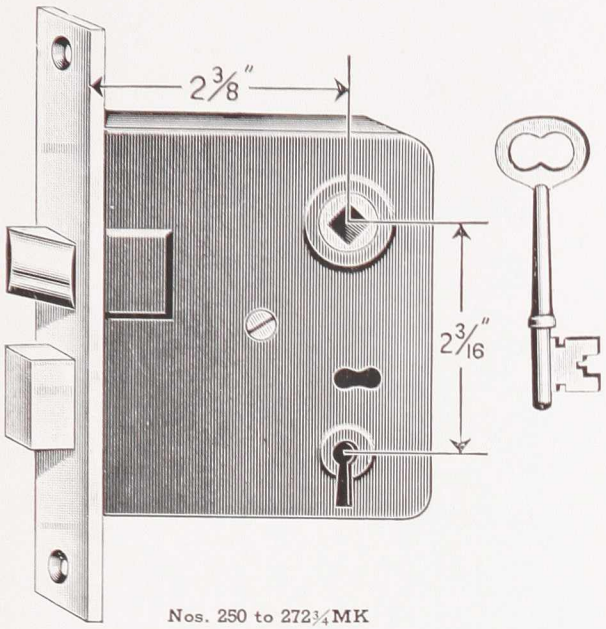
Latch Bolt, by knobs or lever handles from both sides.
Dead Bolt, by turn knob from either side.
This latch has heavy coil spring acting both ways to carry lever handles.

REVERSIBLE—Type "L" Construction, Page No. 51A

Number	Front	Bolts
222	Cast Bronze	Cast Bronze
*222R	Cast Bronze	Cast Bronze

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
*No. 222R Not Reversible. Specify hand described on Page No. 41A.

MORTISE LOCKS



Nos. 250 to 272¾MK

DIMENSIONS

CASE	Japanned iron, 3⅝x3¼x⅝ inches.
FRONT	Flat, 5¼x⅞ inches.
STRIKE	Center of opening to end of lip, 1 inch.
SPACING	Center of keyhole to center of hub, 2 3/16 in.
BACKSET	2⅜ inches.
HUB	Iron, for knob spindle, 5/16 inch.
LATCH BOLT	⅜ inch throw.
DEAD BOLT	½ inch throw.

OPERATION

Latch Bolt, by knobs from both sides.
Dead Bolt, by key from either side.

MASTER KEYING

Nos. 262¾MK and **272¾MK** can be master keyed in one set of 80 locks all different.

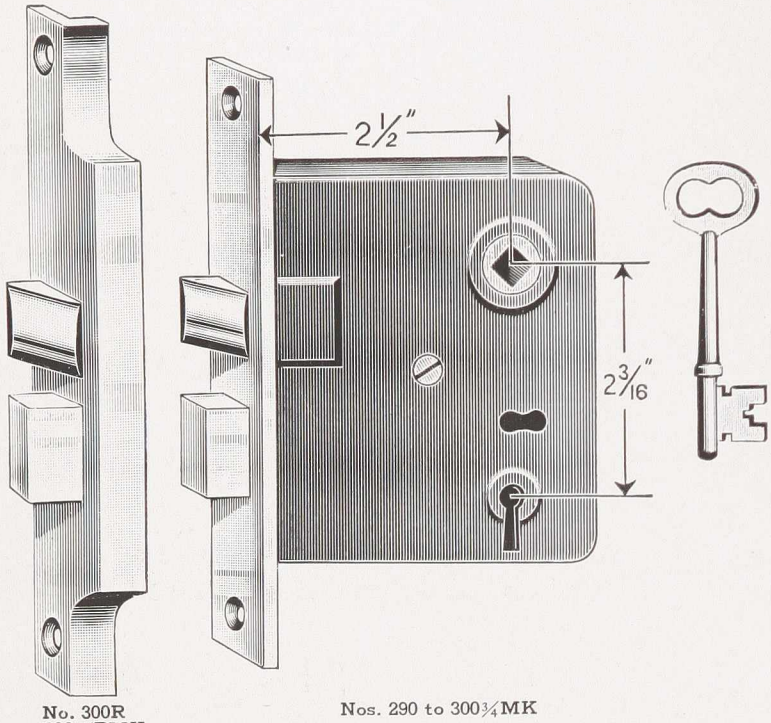
These locks can be master keyed with any lock using the same class master key.

REVERSIBLE—Type "F" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Change Key	Changes	Master Key
250	Wrought Steel	Cast Iron	One, Steel	One, 1801AB	4	None
260	Cast Bronze	Cast Bronze	One, Steel	One, 1813A	4	None
262¾	Cast Bronze	Cast Bronze	Three, Steel	One, 1814K	36	None
262¾MK	Cast Bronze	Cast Bronze	Three, Steel	One, 1814K	80	1814KM
270	Wrought Steel	Cast Iron	One, Steel	One, 1813A	4	None
272¾	Wrought Steel	Cast Iron	Three, Steel	One, 1814K	36	None
272¾MK	Wrought Steel	Cast Iron	Three, Steel	One, 1814K	80	1814KM

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.

MORTISE LOCKS



No. 300R to 300¾RMK

Nos. 290 to 300¾MK

DIMENSIONS

CASE	Japanned iron, 3⅝x3¼x⅝ in. Add ¾ inches to special backsets for width of case.
FRONT	Flat, 5½x1 inches. Rabbeted, 6⅞x1 inches.
STRIKE	Center of opening to end of lip, 1 1/16 inches.
SPACING	Center of keyhole to center of hub, 2 3/16 inches.
BACKSET	Flat, Regular, 2½ inches. Flat, Special, 2 inches, No. 300. Rabbeted, Regular, 2½x2 in. Rabbeted, Special, 2x1½ inches.
HUB	Iron, for knob spindle, 5/16 in. Can be furnished with bronze hubs at additional price.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.

OPERATION

Latch Bolt, by knobs from both sides.
Dead Bolt, by key from either side.

MASTER KEYING

No. 290¾MK can be master keyed in one set of 80 locks all different.

Nos. 300¾MK, 300¾RMK and **302¾MK** are master keyed in eight sets of 80 each, the 640 all different, with each set subject to a master key and all subject to a grand master key.

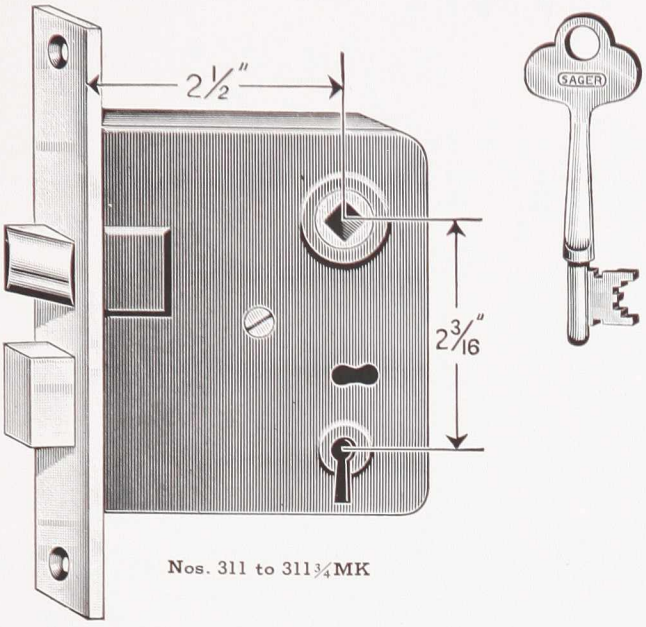
These locks can be master keyed with any lock using the same class master key.

REVERSIBLE—Type "G" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Change Key	Changes	Master Key
290	Wrought Steel	Cast Iron	One, Steel	One, 1814M	12	None
290¾	Wrought Steel	Cast Iron	Three, Steel	One, 1817F	36	None
290¾MK	Wrought Steel	Cast Iron	Three, Steel	One, 1817F	80	1817FM
300	Cast Bronze	Cast Bronze	One, Steel	One, 1814M	12	None
300¾	Cast Bronze	Cast Bronze	Three, Steel	One, 1817F	36	None
300¾MK	Cast Bronze	Cast Bronze	Three, Steel	One, 1817F	640	1817FM
*300R	Cast Bronze	Cast Bronze	Three, Steel	One, 1814M	12	None
*300¾R	Cast Bronze	Cast Bronze	Three, Steel	One, 1817F	36	None
*300¾RMK	Cast Bronze	Cast Bronze	Three, Steel	One, 1817F	640	1817FM

Packed ½ dozen in a box, complete with screws.
*No. 300R series Not Reversible. Specify hand described on Page No. 41A.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.

MORTISE LOCKS



Nos. 311 to 311¾MK

DIMENSIONS

CASE	Japanned iron, 3⅝x3¼x⅝ inches.
FRONT	Flat 5½x1 inches.
STRIKE	Center of opening to end of lip 1 1/16 inches.
SPACING	Centers—keyhole to center of hub, 2 3/16 inches.
BACKSET	2½ inches.
HUB	Iron, for knob spindle, 5/16 inches. Can be furnished with bronze hub at additional price.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.

OPERATION

Latch Bolt, by knobs from both sides.
Dead Bolt, by key from either side.

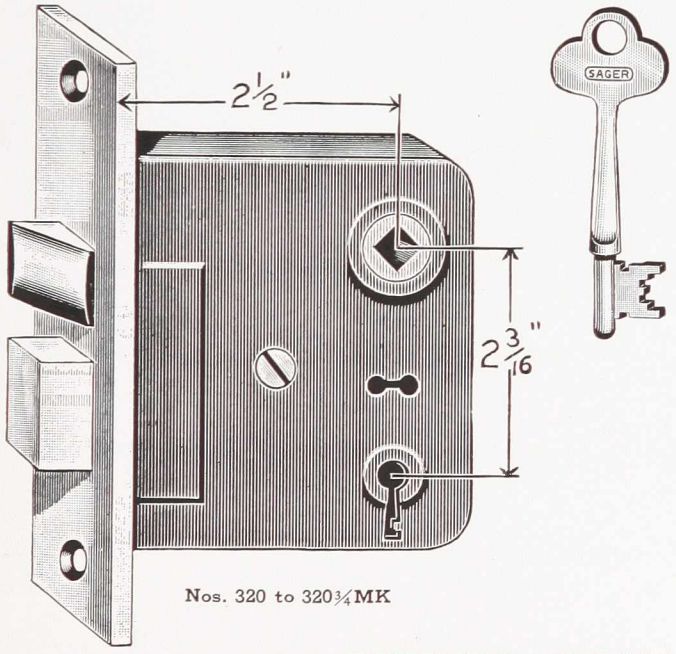
MASTER KEYING

No. 311¾ MK is master keyed in 8 sets of 80 each, the 640 all different with each set subject to a master key and all subject to a grand master key. These locks can be master keyed with any lock using the same class master key.

REVERSIBLE—Type "H" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Change Key	Changes	Master Key
311	Cast Bronze	Cast Bronze	One, Steel	One No. 1814M	12	None
311¾	Cast Bronze	Cast Bronze	Three, Steel	One No. 1817F	36	None
311¾MK	Cast Bronze	Cast Bronze	Three, Steel	One No. 1817F	640	No. 1817FM

Packed ½ dozen in a box, complete with screws. Specify Number and Finish. Refer to Page No. 32A for description of finishes.



Nos. 320 to 320¾MK

DIMENSIONS

CASE	Japanned iron—3⅝x3¼x⅝ inches.
FRONT	Flat, 5½x1 1/16 inches.
STRIKE	Center of opening to end of lip, 1⅛ in.
SPACING	Centers—keyhole to center of hub, 2 3/16 inches.
BACKSET	2½ inches.
HUB	Bronze, for knob spindle, 5/16 inch.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.

OPERATION

Latch Bolt, by knobs from both sides.
Dead Bolt, by key from either side.

MASTER KEYING

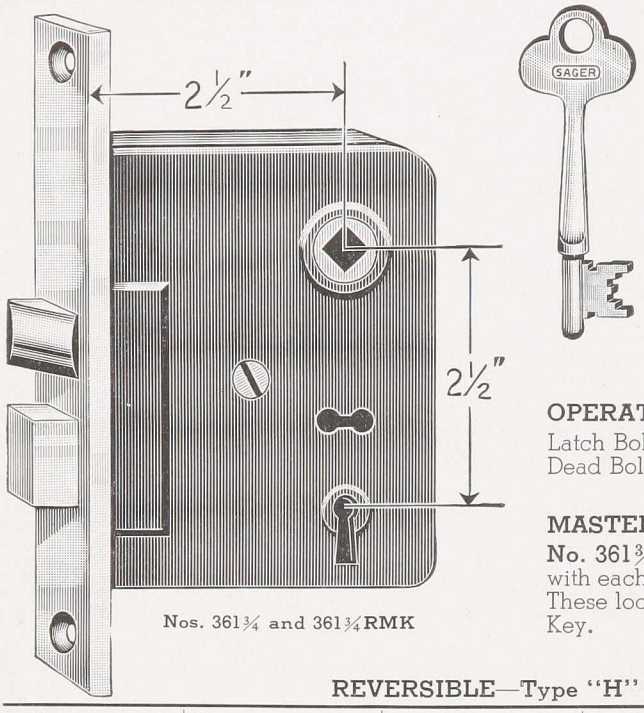
No. 320¾MK is master keyed in 8 sets of 80 each. The 640 all different with each set subject to a master key and all subject to a grand master key. These locks can be master keyed with any lock using the same class master key.

REVERSIBLE—TYPE "H" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Change Key	Changes	Master Key
320	Cast Bronze	Cast Bronze	One, Steel	One No. 1814M	12	None
320¾	Cast Bronze	Cast Bronze	Three, Steel	One No. 1817F	36	None
320¾MK	Cast Bronze	Cast Bronze	Three, Steel	One No. 1817F	640	No. 1817FM

Packed ½ dozen in a box, complete with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE LOCKS



Nos. 361¾ and 361¾RMK

DIMENSIONS

CASE	Japanned iron, 4¼x3⁵⁄₁₆x⅝ inches. Add ⅞ inches to special backset for width of case.
FRONT	Flat, 6⅛x1 inches.
STRIKE	Center of opening to end of lip, 1¼ inches.
SPACING	Center, keyhole to center of hub, 2½ inches.
BACKSET	Flat, regular, 2½ inches. Special, 2¾ inches.
HUB	Bronze, for knob spindle, ⁵⁄₁₆ inches.
LATCH BOLT	⁷⁄₁₆ inch throw.
DEAD BOLT	½ inch throw.

OPERATION

Latch Bolt, by knobs from both sides.
Dead Bolt, by key from either side.

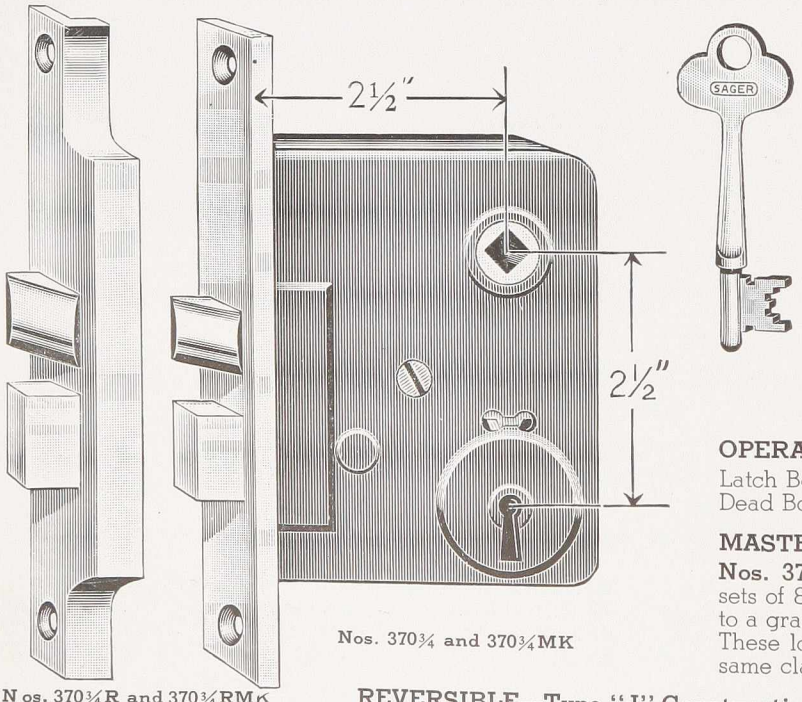
MASTER KEYING

No. 361¾MK is Master keyed in 8 sets of 80 each. The 640 all different with each set subject to a master key and all subject to a grand master key. These locks can be master keyed with any lock using the same Class Master Key.

REVERSIBLE—Type "H" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Change Key	Changes	Master Key
361¾	Cast Bronze	Cast Bronze	Three, Steel	One, No. 1817F	80	None
361¾MK	Cast Bronze	Cast Bronze	Three, Steel	One, No. 1817F	640	1817FM

Packed ½ dozen in a box, complete with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.



Nos. 370¾ and 370¾MK

Nos. 370¾R and 370¾RMK

DIMENSIONS

CASE	Japanned iron, 4¼x3⅜x ⅝in. Add ⅞ in. to special backsets for width of case.
FRONT	Flat, 6¼x1 ⅛ inches. Rabbeted, 7x1 ⅛ inches.
STRIKE	Center of opening to end of lip, 1 ⅛ inches.
SPACING	Centers, keyhole to center of hub, 2½ inches.
BACKSET	Flat, regular, 2½ inches. Flat, special, 2¾ inches. Rabbeted, regular, 2½x2 in. Rabbeted, special, 2¾x2¼ in.
HUB	Bronze, for knobs spindle, ⁵⁄₁₆ in.
LATCH BOLT	⁷⁄₁₆ inch throw.
DEAD BOLT	½ inch throw.

OPERATION

Latch Bolt, by knobs from both sides.
Dead Bolt, by key from either side.

MASTER KEYING

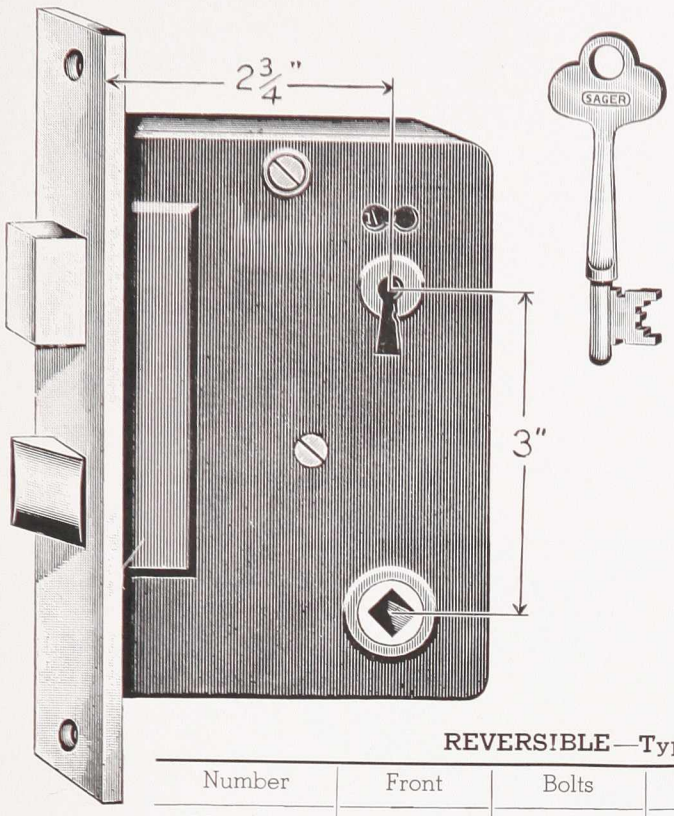
Nos. 370¾MK and 370¾RMK are master keyed in 8 sets of 80 each, the 640 all different with each set subject to a grand master key.
These locks can be master keyed with any lock using the same class master key.

REVERSIBLE—Type "J" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Change Key	Changes	Master Key
370¾	Cast Front	Cast Bronze	Three, Steel	One, No. 1817F	36	None
370¾MK	Cast Front	Cast Bronze	Three, Steel	One, No. 1817F	640	1817FM
*370¾R	Cast Front	Cast Bronze	Three, Steel	One, No. 1817F	36	None
*370¾RMK	Cast Front	Cast Bronze	Three, Steel	One, No. 1817F	640	1817FM

Packed ½ dozen in a box, complete with screws. *Nos. 370¾R and 370¾RMK, Not Reversible.
Specify Number and Finish. Refer to Page No. 32A for description of finish. Specify hand described on Page No. 41A.

MORTISE LOCKS



Nos. 380¾ and 380¾MK

DIMENSIONS

CASE	Japanned Iron, 5x3¾x⅝ inches.
FRONT	Flat, 7¼x1 1/16 inches.
STRIKE	Center of opening to end of lip, 1¼ in.
SPACING	Center keyhole to center of hub, 3 inches.
BACKSET	2¾ inches.
HUB	Bronze for knob spindle 5/16 inch.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.

OPERATION

Latch Bolt, by knobs from both sides.
Dead Bolt, by key from either side.

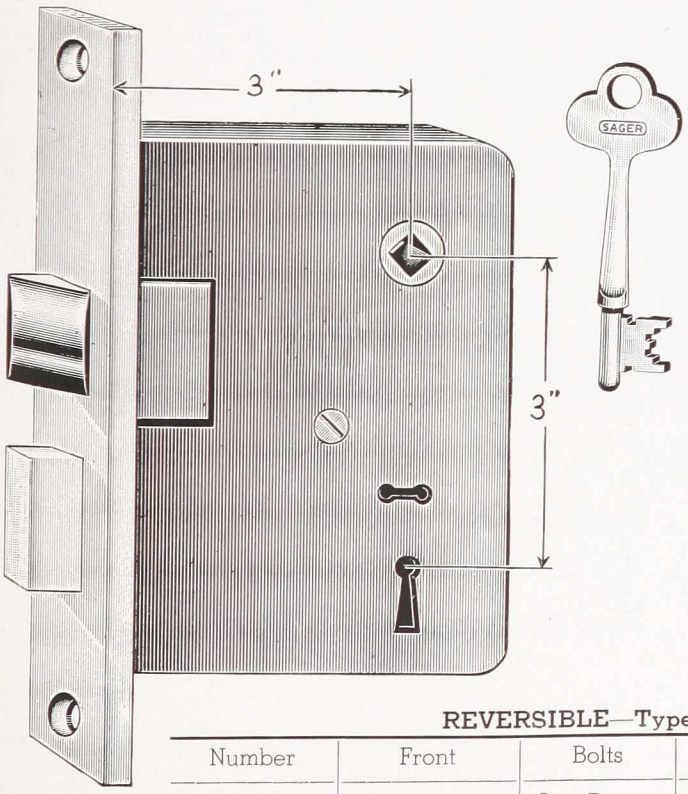
MASTER KEYING

No. 380¾MK is master keyed in 8 groups of 80 each. The 640 all different with each group subject to a master key and all subject to a grand master key. This lock can be master keyed with any lock using same class master key.

REVERSIBLE—Type "J" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Change Keys	Changes	Master Key
380¾	Cast Bronze	Cast Bronze	Three, Steel	One 1817F	36	None
380¾MK	Cast Bronze	Cast Bronze	Three, Steel	One 1817F	640	No. 1817FM

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



Nos. 400¾ and 400¾MK

DIMENSIONS

CASE	Japanned iron, 5x4x¾ inches.
FRONT	Flat, 7⅛x1¼ inches.
STRIKE	Center of opening to end of lip, 1½ in.
SPACING	Center of hub to center of keyhole, 3 in.
BACKSET	3 inches.
HUB	Bronze for knob spindle, 5/16 inch.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.

OPERATION

Latch Bolt, by knobs from both sides.
Dead Bolt, by key from either side.

MASTER KEYING

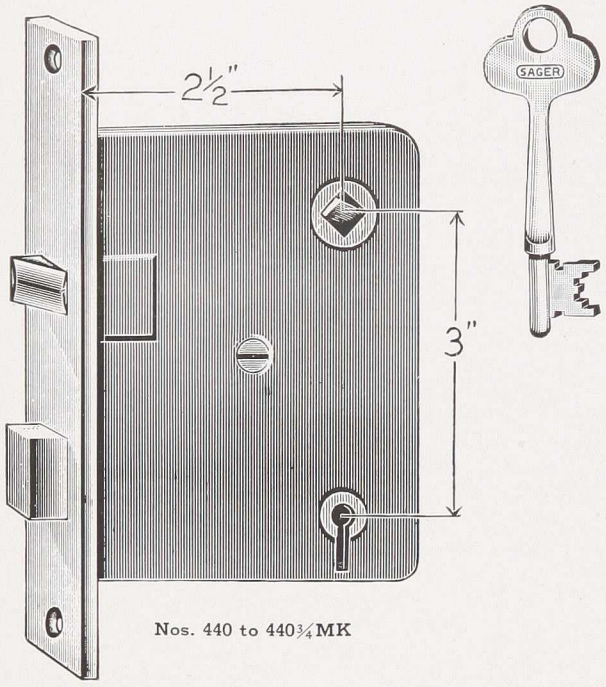
No. 400¾MK is master keyed in 8 groups of 80 each. The 640 all different with each group subject to a master key and all subject to a grand master key. This lock can be master keyed with any lock using same class master key.

REVERSIBLE—Type "J" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Change Keys	Changes	Master Key
400¾	Cast Bronze	Cast Bronze	Three, Steel	One 1817F	36	None
400¾MK	Cast Bronze	Cast Bronze	Three, Steel	One 1817F	640	No. 1817FM

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE LOCKS



Nos. 440 to 440¾MK

FOR USE WITH SECTIONAL TRIM

DIMENSIONS

CASE	Japanned iron, 4½x3¼x⅝ inches.
FRONT	Flat, 6¼x1 inches.
STRIKE	Center of opening to end of lip, 1 1/16 in.
SPACING	Center of hub to center of keyhole, 3 in.
BACKSET	2½ inches.
HUB	Iron for knob spindle, 5/16 inch.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.

OPERATION

Latch Bolt, by knobs from both sides.
Dead Bolt, by key from either side.

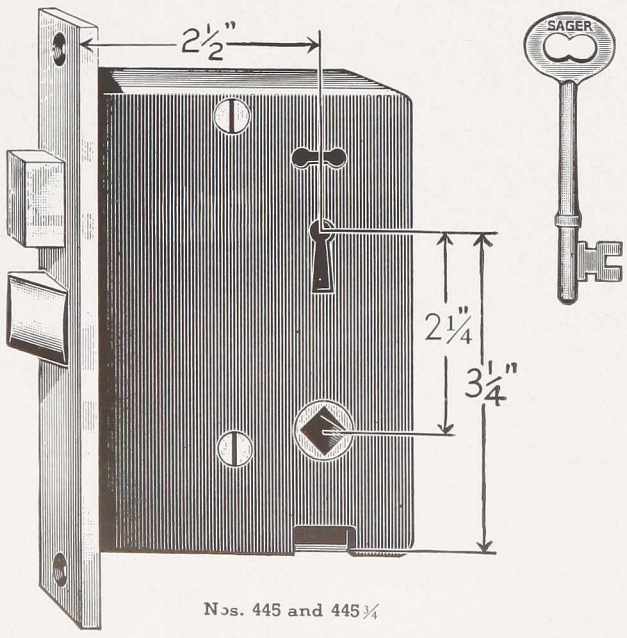
MASTER KEYING

No. 440¾MK is master keyed in 8 groups of 80 each. The 640 all different with each group subject to a master key and all subject to a grand master key. This lock can be master keyed with any lock using same class master key.

REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Change Keys	Changes	Master Key
440	Cast Bronze	Cast Bronze	One Steel	One 1814M	12	None
440¾	Cast Bronze	Cast Bronze	Three Steel	One 1817F	36	None
440¾MK	Cast Bronze	Cast Bronze	Three Steel	One 1817F	640	1817FM

Packed ½ dozen in a box, complete with screws. Specify Number and Finish. Refer to Page No. 32A for description of finishes.



Nos. 445 and 445¾

For use on interior doors, with handle on one side and knob on opposite side.

DIMENSIONS

CASE	Japanned iron, 4½x3¼x¾ inches.
FRONT	Flat, 6x1 inches.
STRIKE	Center of opening to end of lip, 1¼ in.
SPACING	Center of keyhole to bottom of lift, 3¼ in. Center of hub to bottom of lift, 1 inch. Inside center of keyhole to center of hub, 2¼ inches.
BACKSET	2½ inches.
HUB	Bronze, for knob spindle, 5/16 inch.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.

OPERATION

Latch Bolt, by thumb pieces or knobs from either side at all times.
Dead Bolt, by key from either side.

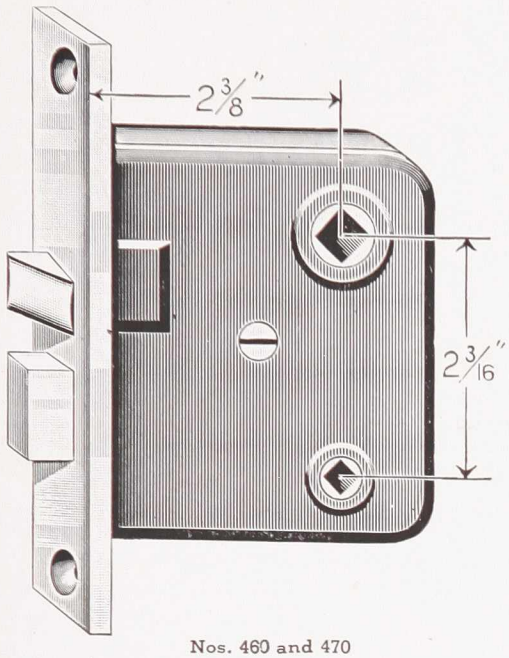
REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Change Keys	Changes	Master Key
445	Cast Bronze	Cast Bronze	One Steel	One 1814M	12	None
445¾	Cast Bronze	Cast Bronze	Three Steel	One 1817F	36	None

Packed ½ dozen in a box, complete with screws. Specify Number and Finish. Refer to Page No. 32A for description of finishes.

MORTISE LOCKS

FOR BATH AND COMMUNICATING DOORS



Nos. 460 and 470

DIMENSIONS

CASE	Japanned iron, 3⅝x3¼x⅝ inches.
FRONT	Flat, 5¼x⅞ inches.
STRIKE	Center of opening to end of lip, 1 inch.
SPACING	Center to center of hubs, 2 3/16 inches.
BACKSET	2⅜ inches.
HUBS	Iron, for knob spindle, 5/16 inch. Iron, for turn knob spindle, 3/16 inch.
LATCH BOLT	⅜ inch throw.
DEAD BOLT	7/16 inch throw.

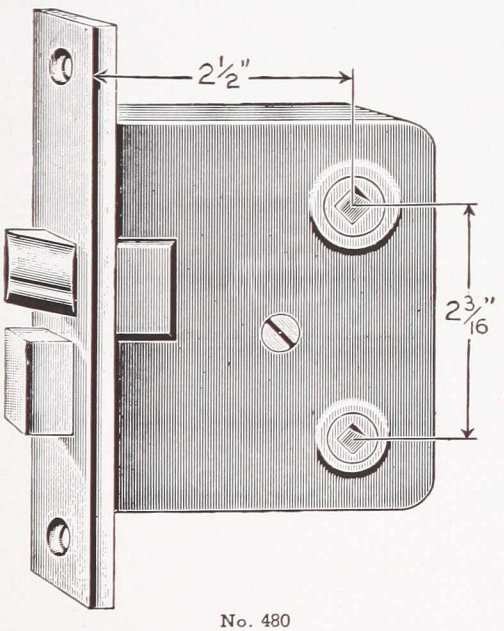
OPERATION

Latch Bolt, by knob from both sides.
Dead Bolt, by turn knob from one side.

REVERSIBLE—Type "F" Construction, Page No. 51A

Number	Front	Bolts
460	Cast Bronze	Cast Bronze
470	Wrought Steel	Cast Iron

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



No. 480

DIMENSIONS

CASE	Japanned iron, 3⅝x3¼x⅝ inches.
FRONT	Flat, 5½x1 inches.
STRIKE	Center of opening to end of lip, 1 1/16 inches.
SPACING	Center to center of hubs, 2 3/16 inches.
BACKSET	2½ inches.
HUBS	Iron for knob spindle, 5/16 inch. Can be furnished with bronze knob hub at additional price. Bronze, for turn knob spindle, 3/16 inch.
LATCH BOLT	⅜ inch throw.
DEAD BOLT	7/16 inch throw.

OPERATION

Latch Bolt, by knob from both sides.
Dead Bolt, by turn knob from one side.

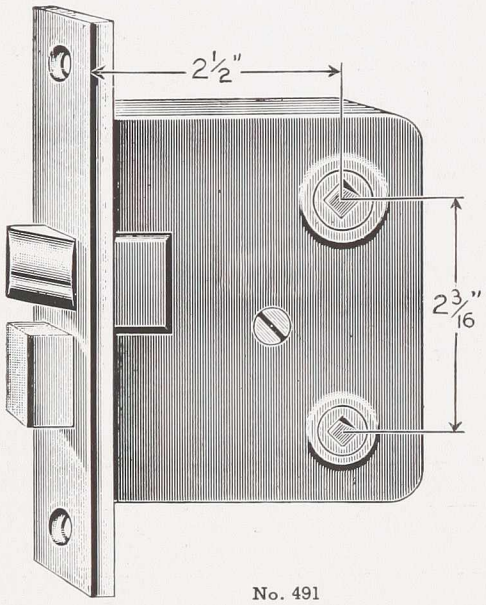
REVERSIBLE—Type "G" Construction, Page No. 51A

Number	Front	Bolts
480	Cast Bronze	Cast Bronze

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE LOCKS

FOR BATH AND COMMUNICATING DOORS



No. 491

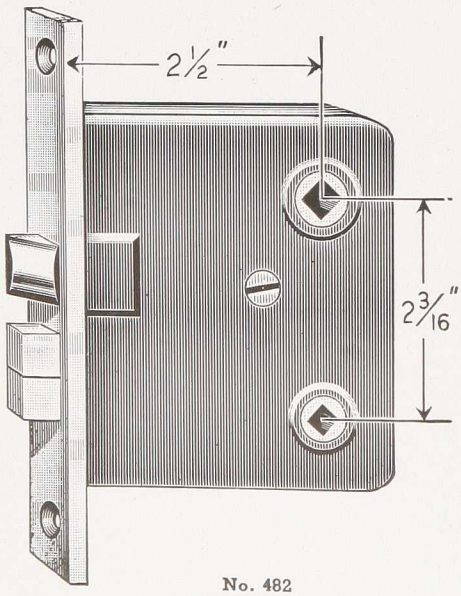
DIMENSIONS

CASE	Japanned iron, 3⅝x3¼x⅝ inches.
FRONT	Flat, 5½x1 1/16 inches.
STRIKE	Center of opening to end of lip, 1⅛ in.
SPACING	Center to center of hub, 2 3/16 inches.
BACKSET	2½ inches.
HUB	Bronze, for knob spindle, 5/16 inch. Bronze, turn knob spindle, 3/16 inch.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.

REVERSIBLE—Type "H" Construction, Page No. 51A

Number	Front	Bolts
491	Cast Bronze	Cast Bronze

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



No. 482

DIMENSIONS

CASE	Japanned iron, 3⅝x3¼x11/16 inches.
FRONT	Flat, 5½x1 inches.
STRIKE	Center of opening to end of lip, 1 1/16 in.
SPACING	Center to center of hubs, 2 3/16 inches.
BACKSET	2½ inches.
HUB	Iron, for knob spindle, 5/16 inches. Can be furnished with bronze knob hub at additional price. Bronze, for turn knob spindle, 3/16 inches.
LATCH BOLT	⅜ inch throw.
DEAD BOLT	½ inch throw.

OPERATION

Latch Bolt, by knobs from both sides.
Split Dead Bolt, by two separate turn knobs from both sides.

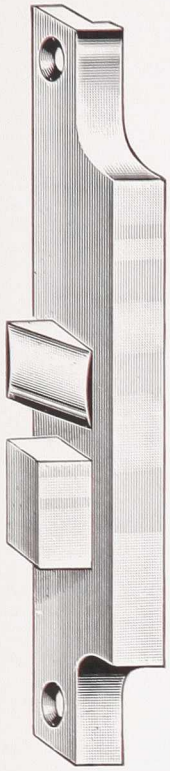
REVERSIBLE—Type "G" Construction, Page No. 51A

Number	Front	Bolts
482	Cast Bronze	Cast Bronze

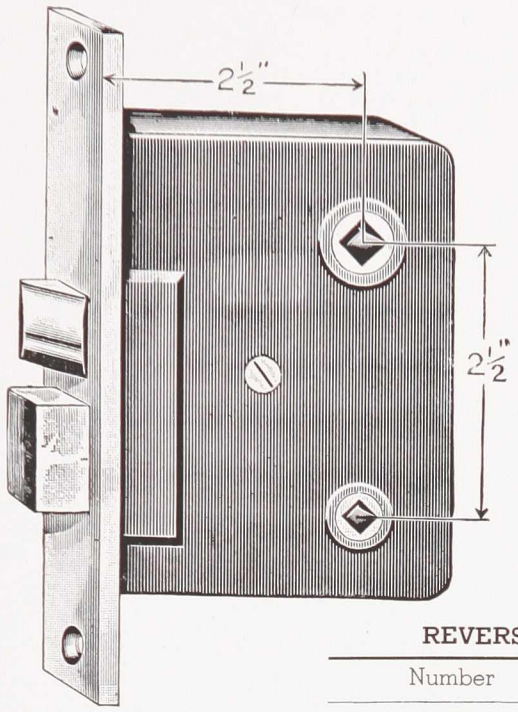
Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE LOCKS

FOR BATH AND COMMUNICATING DOORS



No. 450R



No. 450

DIMENSIONS

CASE	Japanned iron, 4¼x3⅝x⅝ inches. Add ⅞ inch to special backsets for width of case.
FRONT	Flat, 6¼x1⅛ inches, rabbeted 7x1⅛ inches.
STRIKE	Center of opening to end of lip, 1⅛ inches.
SPACING	Center to center of hubs, 2½ inches.
BACKSET	Flat, Regular, 2½ inches. Flat, Special, 2¾ inches. Rabbeted, Regular, 2½x2 inches. Rabbeted, Special, 2¾x2¼ inches.
HUBS	Bronze, for knob spindle, 5/16 inch. Bronze, for turn knob spindle, 3/16 in.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.

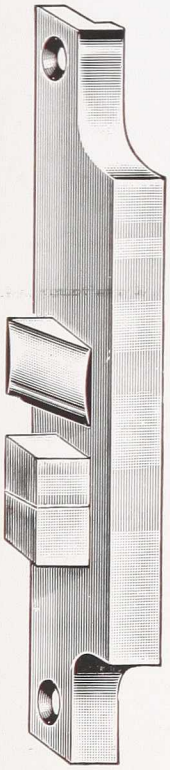
OPERATION

Latch Bolt, by knobs from both sides.
Dead Bolt, by turn knob from one side.

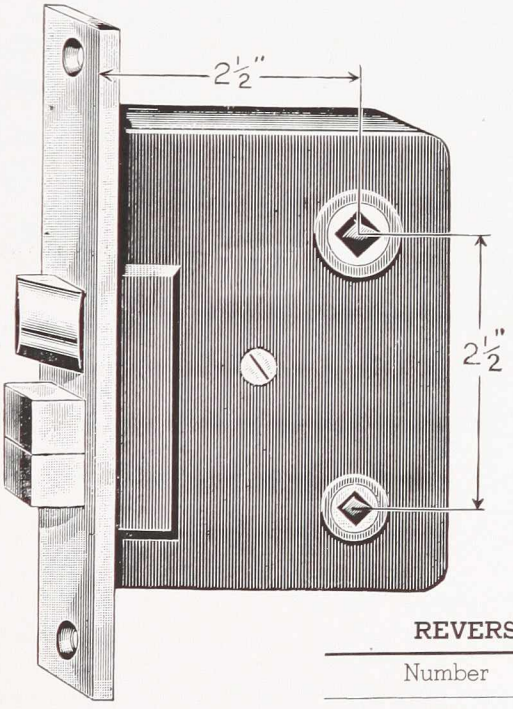
REVERSIBLE—Type "J" Construction, Page No. 51A

Number	Front	Bolts
450	Cast Bronze	Cast Bronze
*450R	Cast Bronze	Cast Bronze

***No. 450R** not reversible. Specify hand described on Page No. 41A.
Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



No. 452R



No. 452

DIMENSIONS

CASE	Japanned iron, 4¼x3⅝x⅝ inches. Add ⅞ inch to special backsets for width of case.
FRONT	Flat, 6¼x1⅛ inches. Rabbeted 7x1⅛.
STRIKE	Center of opening to end of lip, 1⅛ inch.
SPACING	Center to center of hubs, 2½ inches.
BACKSET	Regular, 2½ inches. Special, 2¾ inches. Rabbeted, Regular, 2½x2 inches. Rabbeted, Special, 2¾x2¼ inches.
HUBS	Bronze, for knob spindle, 5/16 inch. Bronze, for turn knob spindle, 3/16 in.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.

OPERATION

Latch Bolt, by knobs from both sides.
Split Dead Bolt, by two separate turn knobs from both sides.

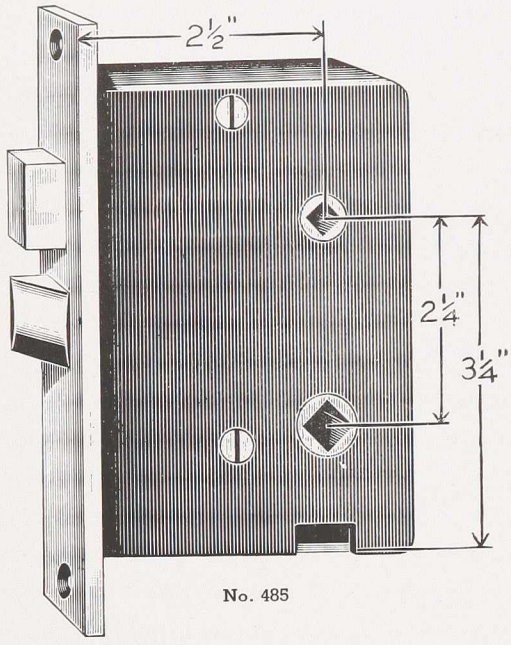
REVERSIBLE—Type "J" Construction, Page No. 51A

Number	Front	Bolts
452	Cast Bronze	Cast Bronze
452R	Cast Bronze	Cast Bronze

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE LOCKS

FOR BATH DOORS



No. 485

For use on interior doors with handle on one side and knob on opposite side.

DIMENSIONS

CASE	Japanned iron, 4½x3¼x¾ inches.
FRONT	Flat, 6x1 inches.
STRIKE	Center of opening to end of lip, 1¼ inches.
SPACING	Center of turn knob hub to bottom of lift 3¼ inches. Center of turn knob hub to center of knob hub, 2¼ inches.
BACKSET	2½ inches.
HUBS	Bronze, for knob spindle, 5/16 inch. Bronze, for turn knob spindle, 3/16 inch.
LIFT	Iron.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.

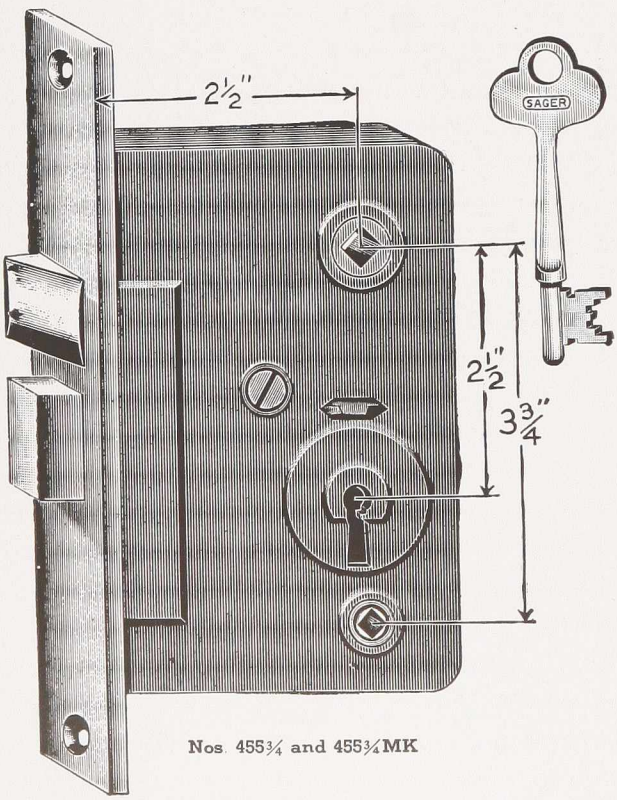
OPERATION

Latch Bolt, by thumb pieces or knobs from either side at all times.
Dead Bolt, by turn knob from one side.

REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front	Bolts
485	Cast Bronze	Cast Bronze

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.



Nos. 455¾ and 455¾MK

FOR BATHROOM AND BEDROOM DOORS

With key operation from outside and turn knob from inside.

DIMENSIONS

CASE	Japanned iron, 5⅜x3⅜x⅝ inches.
FRONT	Flat, 7¾x1 1/16 inches.
STRIKE	Center of opening to end of lip, 1⅛ inches.
SPACING	Center to center of hubs, 3¾ inches. Center of hub to center of keyhole, 2½ in.
BACKSET	2½ inches.
HUBS	Bronze, for knob spindle, 5/16 inch. Bronze, for turn knob spindle, 3/16 inch.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.

OPERATION

Latch Bolt, by knobs from both sides.
Dead Bolt, by key from outside and by turn knob from inside.

MASTER KEYING

No. 445¾MK is master keyed in 8 groups of 80 each, the 640 all different, with each group subject to a master key and all subject to a grand master key. This lock can be master keyed with any lock using same class master key.

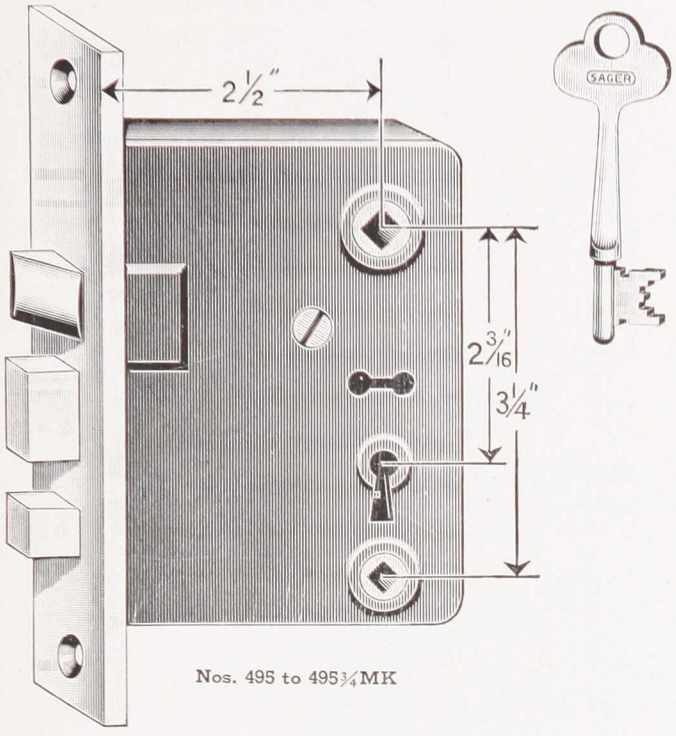
REVERSIBLE—Type "J" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Change Keys	Changes	Master Key
455¾	Cast Bronze	Cast Bronze	Three, Steel	One, No. 1817F	80	None
455¾MK	Cast Bronze	Cast Bronze	Three, Steel	One, No. 1817F	640	No. 1817FM

Packed ½ dozen in a box, complete with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE LOCKS

THREE BOLT, FOR BEDROOM DOORS



Nos. 495 to 495¾MK

DIMENSIONS

CASE	Japanned iron, 4½x3¼x⅝ inches.
FRONT	Flat, 6¼x1 inches.
STRIKE	Center of opening to end of lip, 1 inch.
SPACING	Center of knob hub to center of keyhole, 2 3/16 inches. Center of knob hub to center of turn knob hub, 3¼ inches.
BACKSET	2½ inches.
HUBS	Iron, for knob spindle, 5/16 inch. Bronze, for turn knob spindle, 3/16 inch.
LATCH BOLT	⅜ inch throw.
DEAD BOLT	7/16 inch throw.

OPERATION

Latch Bolt, by knob from both sides.
Upper Dead Bolt, by key from either side.
Lower Dead Bolt, by turn knob from inside.

MASTER KEYING

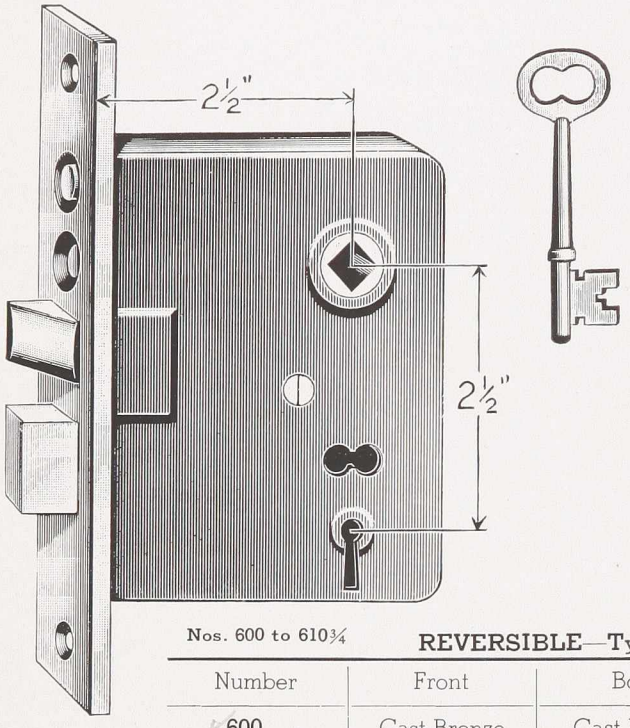
No. 495¾MK is master keyed in 8 groups of 80 each, the 640 changes all different, with each group subject to a master key and all subject to a grand master key. This lock can be master keyed with any lock using same class master key.

REVERSIBLE—Type "J" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Change Keys	Changes	Master Key
495¾	Cast Bronze	Cast Bronze	Three, Steel	One, No. 1817F	80	None
495¾MK	Cast Bronze	Cast Bronze	Three, Steel	One, No. 1817F	640	No. 1817FM

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE FRONT DOOR LOCK



Nos. 600 to 610¾

DIMENSIONS

CASE Japanned iron, 4¼x3½x¾ inches.
FRONT Flat, 6½x1 1/16 inches.
STRIKE Center of opening to end of lip, 1¼ in.
SPACING Center of knob hub to center of keyhole, 2½ inches.
BACKSET 2½ inches.
HUB Iron, for knob spindle, 5/16 inches.
LATCH BOLT 7/16 inch throw.
DEAD BOLT ½ inch throw.

OPERATION

Latch Bolt, by knob from outside when stop in front of lock is not set, by key from outside when stop is set, by knob from inside at all times.

Dead Bolt, by key from either side. Both bolts are operated by the same key.

MASTER KEYING

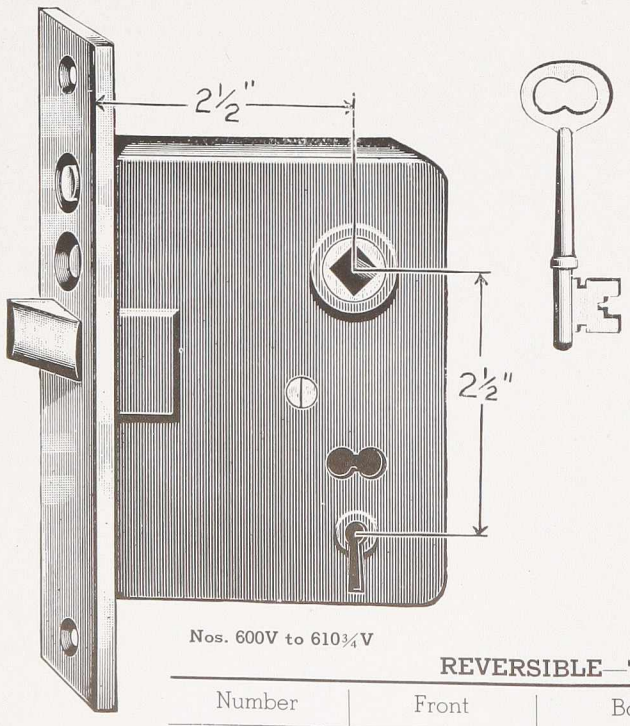
Nos. 600¾ and 610¾ can be master keyed in 80 changes.

REVERSIBLE—Type "P" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Keys	Changes
600	Cast Bronze	Cast Bronze	One, Steel	Two, No. 1814M	12
600¾	Cast Bronze	Cast Bronze	Three, Steel	Two, No. 1817F	36
610	Wrought Steel	Cast Iron	One, Steel	Two, No. 1814M	12
610¾	Wrought Steel	Cast Iron	Three, Steel	Two, No. 1817F	36

Packed each in a box, complete with screws. Specify No. and finish. Refer to Page No. 32A for description of finish.

MORTISE VESTIBULE DOOR LATCH



Nos. 600V to 610¾V

DIMENSIONS

CASE Japanned iron, 4¼x3½x¾ inches.
FRONT Flat, 6½x1 1/16 inches.
STRIKE Center of opening to end of lip, 1¼ in.
SPACING Center of knob hub to center of keyhole, 2½ inches.
BACKSET 2½ inches.
HUB Iron, for knob spindle, 5/16 inches.
LATCH BOLT 7/16 inch throw.
DEAD BOLT ½ inch throw.

OPERATION

Latch Bolt, by knob from outside when stop in front of lock is not set. By key from outside when stop is set, by knob from inside at all: imes.

MASTER KEYING

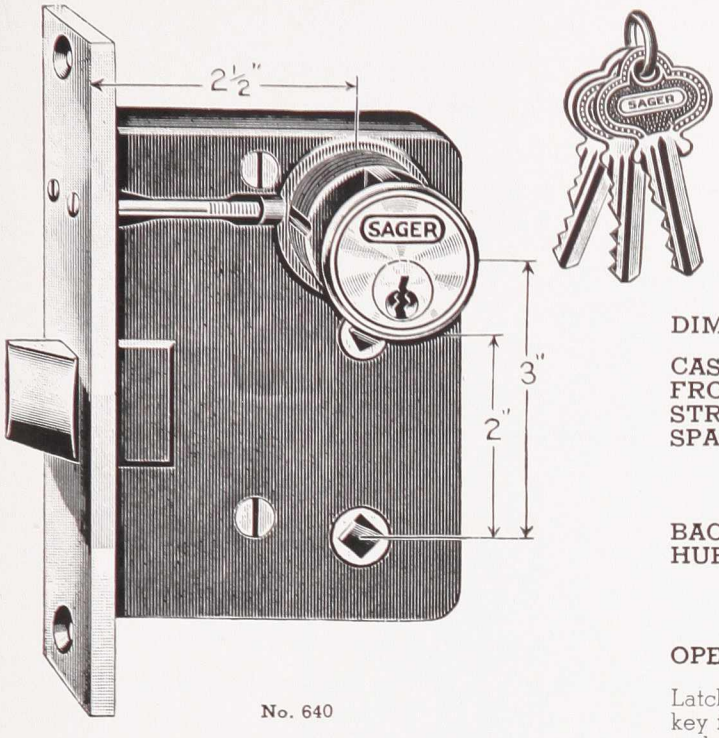
Nos. 600¾V and 610¾V can be master keyed in 80 changes.

REVERSIBLE—Type "P" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Keys	Changes
600V	Cast Bronze	Cast Bronze	One, Steel	Two, No. 1814M	12
600¾V	Cast Bronze	Cast Bronze	Three, Steel	Two, No. 1817M	36
610V	Wrought Steel	Cast Iron	One, Steel	Two, No. 1814M	12
610¾V	Wrought Steel	Cast Iron	Three, Steel	Two, No. 1817M	36

Packed each in a box, complete with screws. Specify No. and finish. Refer to Page No. 32A for description of finish.

MORTISE DEAD LOCKING CYL. LATCH



No. 640

FOR USE ON GRADE AND REAR ENTRANCE DOORS

DIMENSIONS

CASE	Japanned iron, 4½x3½x⅝ inches.
FRONT	Flat, 6½x⅞ inches.
STRIKE	Center of opening to end of lip, 1⅛ inches.
SPACING	Outside—Center of cylinder to center of knob hub, 3 inches.
	Inside—Center of turn knob hub to center of knob hub, 2 inches.
BACKSET	2½ inches.
HUBS	Bronze, for knob spindle, 5/16 inch.
	Bronze, for turn knob spindle, 3/16 inch.

OPERATION

Latch Bolt, by knobs from both sides, when not dead locked by key from outside or turn knob from inside. When latch is dead locked knobs are rigid.

When latch is dead locked, it is proof against end pressure, and thus affording the same security as a dead lock. Latch is dead locked **only** by key from outside or turn piece from inside. Key does not require a full turn to operate the dead locking feature.

MASTER KEYING

Cylinders can be master keyed with any cylinder using key class 88.

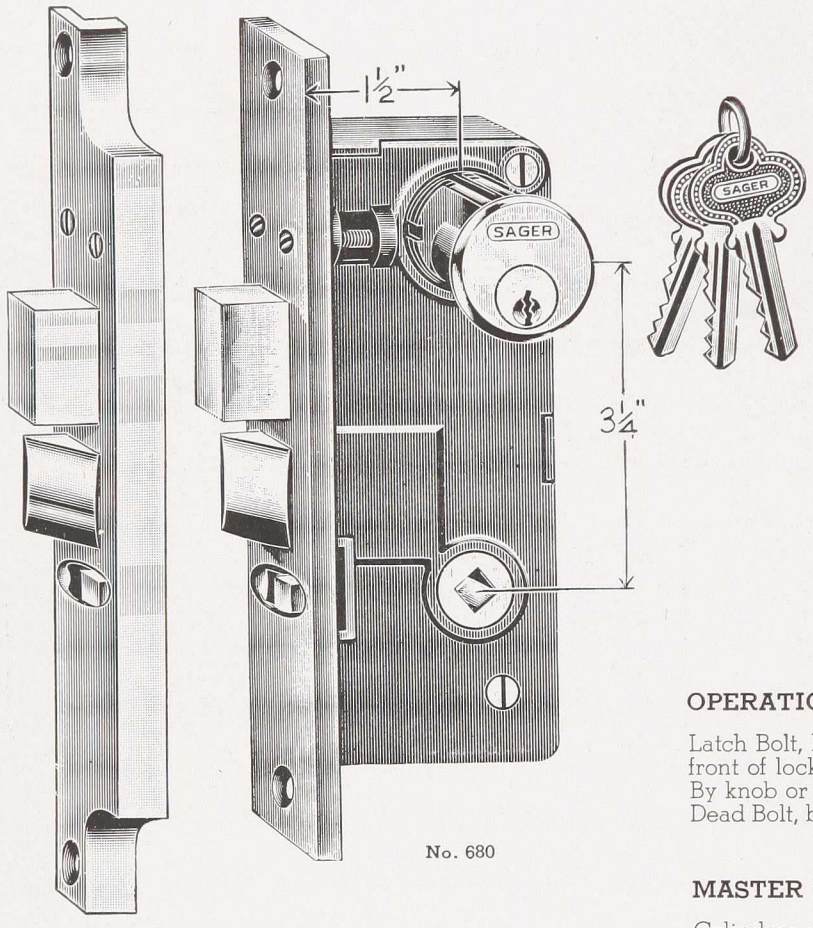
REVERSIBLE—Easy Spring Latch Bolt

Number	Front and Bolts	Cylinder	Keys	Changes
640	Cast Bronze	One, Cast Bronze, No. 1901	Three Class, 1888	Unlimited

Packed each in a box, complete with screws.
Specify number and finish. Refer to Page No. 32A for description of finish.

MORTISE ENTRANCE DOOR LOCKS

FOR DOORS HAVING NARROW STILES



No. 680

No. 680R

DIMENSIONS

CASE	Japanned iron, 5⅝x2⅜x¾ inches. Add ⅞ inch to special backsets for width of case.
FRONT	Flat, 7⅝x1 3/16 inches.
STRIKE	Center of opening to end of lip, 1½ inches.
SPACING	Outside, center of cylinder to center of knob hub, 3¼ inches. Inside, center of turn knob to center of knob hub, 3 in.
BACKSET	Flat, regular, 1½ inches. Flat, special, 1, 1¼ and 1¾ inches. Rabbeted, regular, 1½x1 inches. Rabbeted, special, 1¾x1¼ inches.
HUB	Bronze, for knob or lever handle spindle, 5/16 inches.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.

Note—The 1 and 1¼ inch backset locks have one sliding button operating night works, 1½ and 1¾ inches backset locks have push button operating night works.

OPERATION

Latch Bolt, by knob or lever handle from outside when stop in front of lock is not set. By key from outside when stop is set. By knob or lever handle from inside at all times.
Dead Bolt, by key from outside and by turn knob from inside.

MASTER KEYING

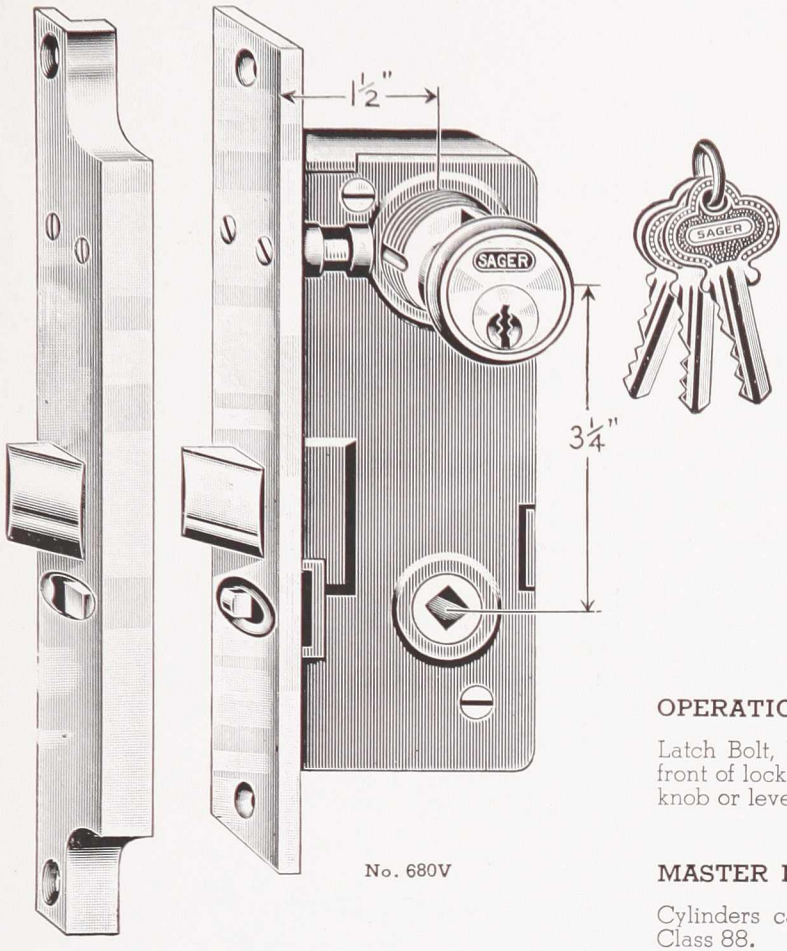
Cylinders can be master keyed with any cylinders using Key Class 88.

REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
680	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
*680R	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
*Not Reversible. Specify hand described on Page No. 41A.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.

MORTISE VESTIBULE DOOR LATCH



No. 680V

No. 680VR

DIMENSIONS

CASE	Japanned iron, 5⅝x2⅜x¾ in. Add ⅞ inch to special backsets for width of case.
FRONT	Flat, 7⅝x1 3/16 inches.
STRIKE	Center of opening to end of lip, 1½ inches.
SPACING	Center of cylinder to center of knob hub, 3¼ inches.
BACKSET	Flat, regular, 1½ inches. Flat, special, 1, 1¼ and 1¾ in. Rabbeted, regular, 1½x1 in. Rabbeted, special, 1¾x1¼ in.
HUB	Bronze, for knob or lever handle spindle, 5/16 inches.

LATCH BOLT 7/16 inch throw.

Note—The 1 and 1¼ inch backset locks have one sliding button operating night works. The 1½ and 1¾ inch backset locks have push buttons operating night works.

OPERATION

Latch Bolt, by knob or lever handle from outside when stop in front of lock is not set. By key from outside when stop is set. By knob or lever handle from inside at all times.

MASTER KEYING

Cylinders can be master keyed with any cylinders using Key Class 88.

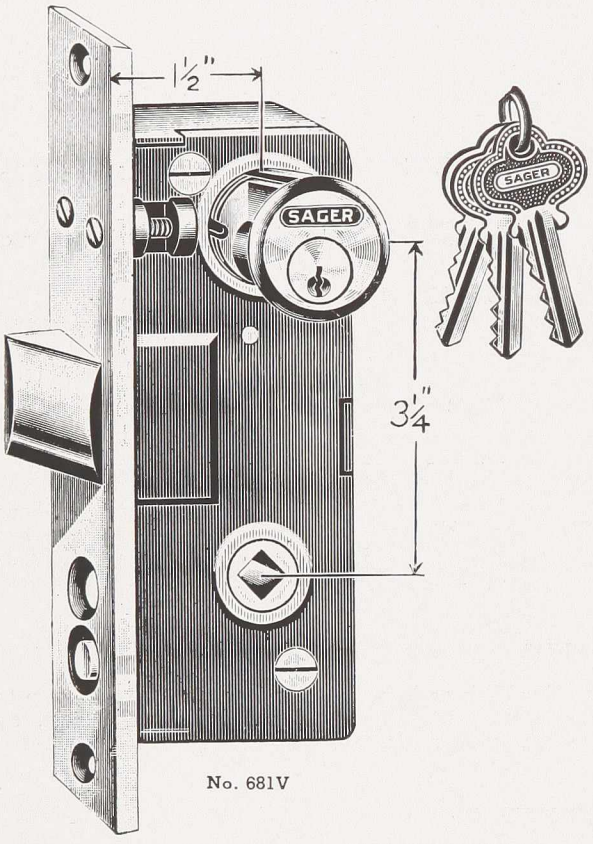
REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
680V	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
***680VR**	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
*Not Reversible. Specify hand described on Page No. 41A.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.

MORTISE VESTIBULE DOOR LATCH

FOR DOORS HAVING NARROW STILES



No. 681V

DIMENSIONS

CASE	Japanned iron, 5⅝x2⅜x¾ inches.
FRONT	Flat, 7⅝x1 3/16 inches.
STRIKE	Center of opening to end of lip, 1⅜ in.
SPACING	Center of cylinder to center of knob hub, 3¼ inches.
BACKSET	1½ inches.
HUB	Bronze, for knob or lever handle spindle, 5/16 inch.
LATCH BOLT	Extra heavy, 3/4 inch throw.

OPERATION

Latch Bolt, by knob or lever handle from outside when stop in front is not set. By key from outside when stop is set, by knob or lever handle from inside at all times.

MASTER KEYING

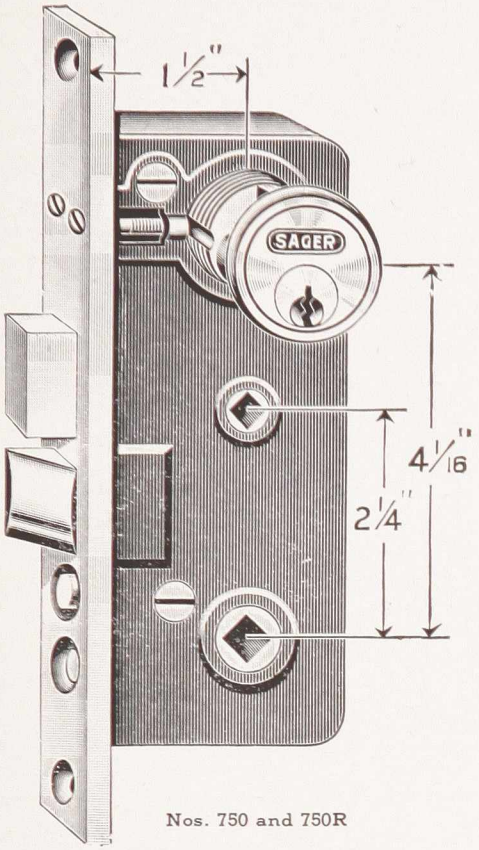
Cylinders can be master keyed with any cylinder using key class 88.

REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front and Bolts	Cylinder	Keys	Changes
681V	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Specify number and finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.

MORTISE ENTRANCE DOOR LOCKS



Nos. 750 and 750R

FOR THIN DOORS HAVING NARROW STILES

DIMENSIONS

CASE Japanned iron, 6¼x2½x⅝ inches.

FRONT Flat, Regular 8¼x⅞ inches. Rabbeted, 8⅞x1 inches.

STRIKE Center of opening to end of lip, 1¼ in.

SPACING Outside, center of cylinder to center of knob hub, 4 1/16 inches. Inside, center of turn knob hub to center of knob hub, 2¼ inches.

BACKSET Flat, regular 1½ inches. Rabbeted, regular 1½x1 inches.

HUBS Bronze, for knob spindle, 5/16 inch. Bronze, for turn knob, 3/16 inch.

LATCH BOLT 7/16 inch throw.

DEAD BOLT ½ inch throw.

OPERATION

Latch Bolt, by knob from outside when stop in front of lock is not set, by key from outside when stop is set, by knob from inside at all times. Dead Bolt, by key from outside and by turn knob from inside.

MASTER-KEYING

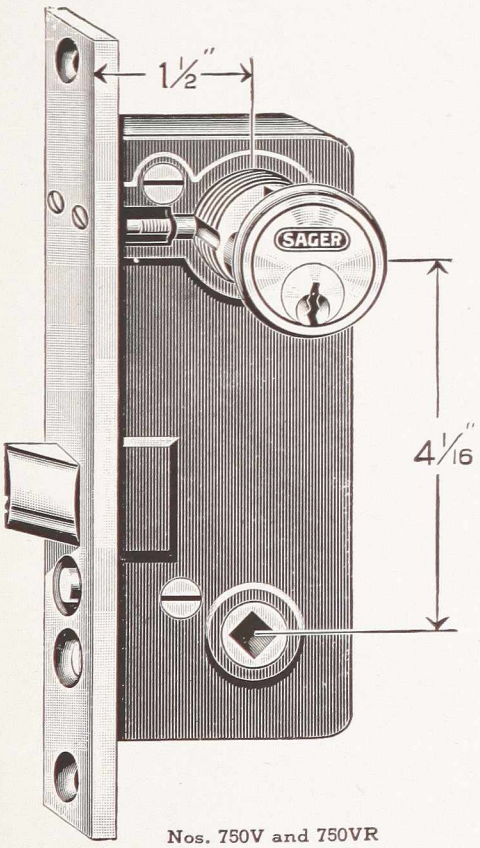
Cylinders can be master-keyed with any cylinder using class key 88.

REVERSIBLE—Type "R" Construction, Page No. 51A

Number	Front and Bolts	Cylinder	Keys	Changes
750	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
750R	Cast Bronze ½ in. Rabbet	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Specify number and finish. Refer to Page No. 32A for description of finishes.
Specify thickness of door.

MORTISE VESTIBULE DOOR LATCH



Nos. 750V and 750VR

FOR THIN DOORS HAVING NARROW STILES

DIMENSIONS

CASE Japanned iron, 6¼x2½x⅝ inches.

FRONT Flat, Regular 8¼x⅞ inches. Rabbeted, 8⅞x1 inches.

STRIKE Center of opening to end of lip, 1¼ in.

SPACING Center of cylinder to center of knob hub, 4 1/16 inch.

BACKSET Flat, regular 1½ inch. Rabbeted, regular 1½x1 inches.

HUB Bronze, for knob spindle, 5/16 inch.

LATCH BOLT 7/16 inch throw.

OPERATION

Latch Bolt, by knob from outside when stop in front of lock is not set, by key from outside when stop is set, by knob from inside at all times.

MASTER-KEYING

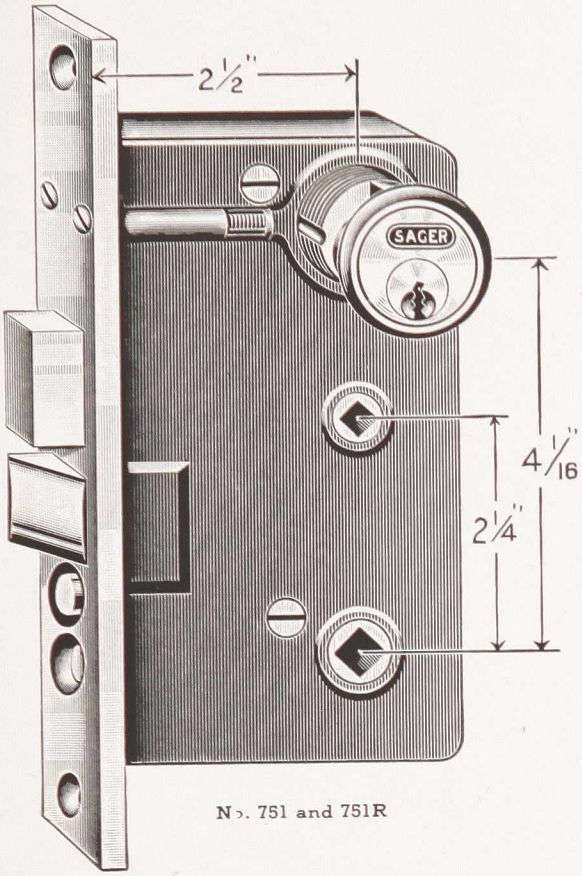
Cylinders can be master-keyed with any cylinder using class key 88.

REVERSIBLE—Type "R" Construction, Page No. 51A

Number	Front and Bolts	Cylinder	Keys	Changes
750V	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
750VR	Cast Bronze ½ in. Rabbet	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Specify number and finish. Refer to Page No. 32A for description of finishes.
Specify thickness of door.

MORTISE FRONT DOOR LOCK



No. 751 and 751R

FOR THIN DOORS

DIMENSIONS

CASE	Japanned iron, 5⅞x3½x⅝ inches.
FRONT	Flat, Regular 7¾x⅞ inches. Rabbeted, 8⅞x1 inches.
STRIKE	Center of opening to end of lip, 1¼ in.
SPACING	Outside, center of cylinder to center of knob hub, 4 1/16 inches. Inside, center of turn knob hub to center of knob hub, 2¼ inches.
BACKSET	2½ inches. Rabbeted, Regular 2½x2 inches.
HUBS	Bronze, for knob spindle, 5/16 inch. Bronze, for turn knob, 3/16 inch.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.

OPERATION

Latch Bolt, by knob from outside when stop in front of lock is not set, by key from outside when stop is set, by knob from inside at all times. Dead Bolt, by key from outside and by turn knob from inside.

MASTER-KEYING

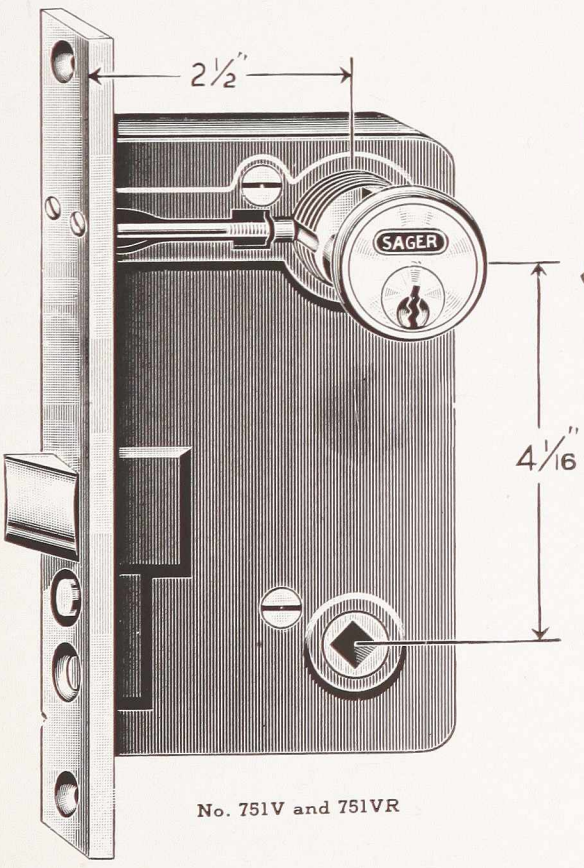
Cylinder can be master keyed with any cylinder using key class 88.

REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front and Bolts	Cylinder	Keys	Changes
751	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
751R	Cast Bronze ½ in. Rabbet	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Specify number and finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.

MORTISE VESTIBULE DOOR LATCH



No. 751V and 751VR

FOR THIN DOORS

DIMENSIONS

CASE	Japanned iron, 5⅞x3½x⅝ inches.
FRONT	Flat, Regular 7¾x⅞ inches. Rabbeted 8⅞x1 inches.
STRIKE	Center of opening to end of lip, 1¼ in.
SPACING	Center of cylinder to center of knob hub, 4 1/16 inches.
BACKSET	Flat, regular 2½ inches. Rabbeted Regular 2½x2 inches.
HUB	Bronze, for knob spindle, 5/16 inch.
LATCH BOLT	7/16 inch throw.

OPERATION

Latch Bolt, by knob from outside when stop in front of lock is not set, by key from outside when stop is set, by knob from inside at all times.

MASTER-KEYING

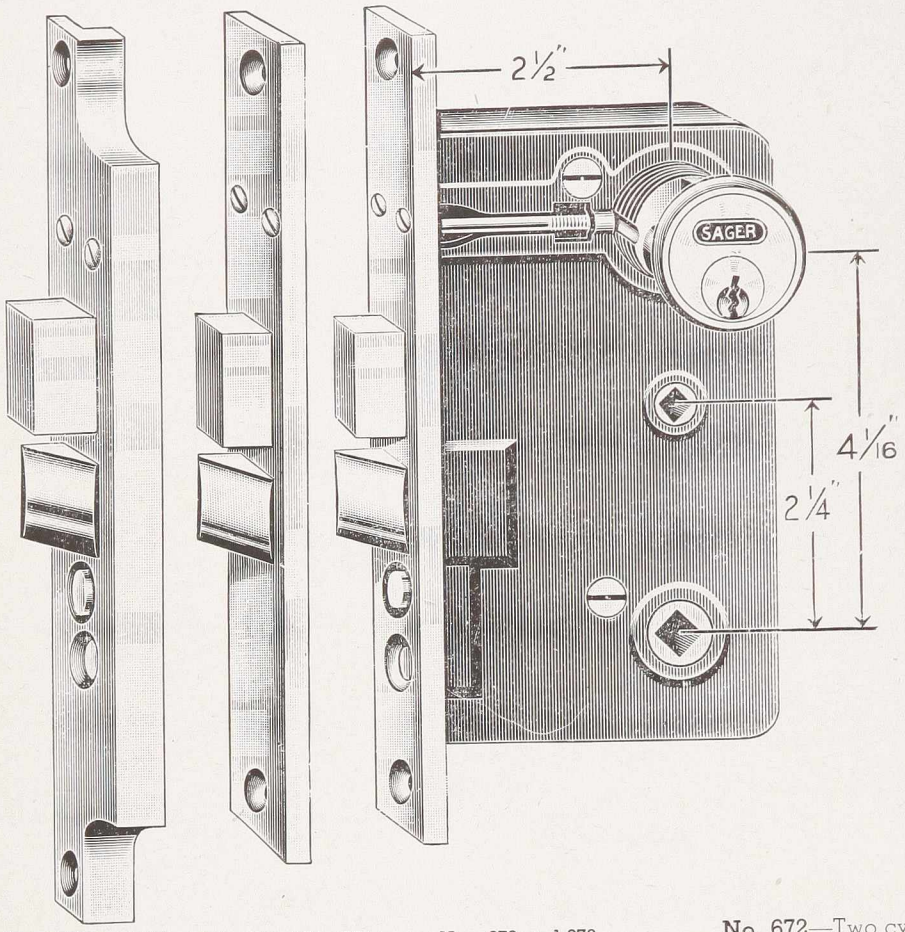
Cylinder can be master keyed with any cylinder using key class 88.

REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front and Bolts	Cylinder	Keys	Changes
751V	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
751VR	Cast Bronze ½ in. Rabbet	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Specify number and finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.

MORTISE FRONT DOOR LOCK



Nos. 670R to 672R | Nos. 671, 672, 674 and 675 | Nos. 670 and 673

DIMENSIONS

CASE	Japanned iron, 5⅞x3½x¾ inches. Add 1 inch to special backsets for width of case.
FRONT	Flat, regular, 7¾x1⅛ inches. Flat, narrow, 7¾x1 inches. Rabbeted, 8½x1 5/16 inches.
STRIKE	Center of opening to end of lip, 1⅜ in.
SPACING	Outside, center of cylinder to center of knob hub, 4 1/16 inches.
SPACING	Inside, center of turn knob hub to center of knob hub, 2¼ inches.
BACKSET	Flat, regular, 2½ inches. Flat, special, 2 inches. Rabbeted, regular, 2½x2 inches.
HUBS	Bronze, for knob spindle, 5/16 inch. Bronze, for turn knob spindle, 3/16 inch.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.

OPERATION

No. 670—Latch Bolt, by knob from outside when stop in front of lock is not set. By key from outside when stop is set.

By knob from inside at all times. Dead Bolt, by key from outside and turn nob from inside.

No. 671—No stop works. Latch Bolt, by knobs from both sides at all times.

Dead Bolt, by key from outside and by turn knob from inside.

No. 672—Two cylinders. Same as 671 except by key from either side.

OPERATION

No. 673 —Narrow Front.	Operation same as No. 670.
No. 674 —Narrow Front.	Operation same as No. 671.
No. 675 —Narrow Front.	Operation same as No. 672.
No. 670R—Rabbeted Front.	Operation same as No. 670.
No. 671R—Rabbeted Front.	Operation same as No. 671.
No. 672R—Rabbeted Front.	Operation same as No. 672.

MASTER-KEYING

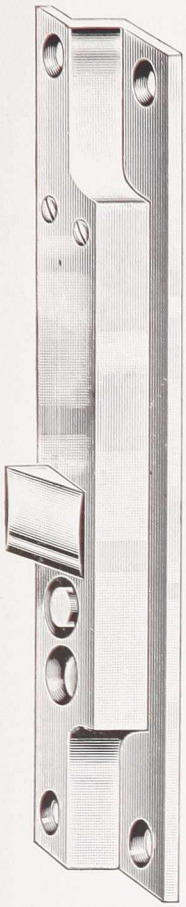
Cylinders can be master keyed with any cylinders using Key Class 88.

REVERSIBLE—Type "M" Construction, Page No. 51A

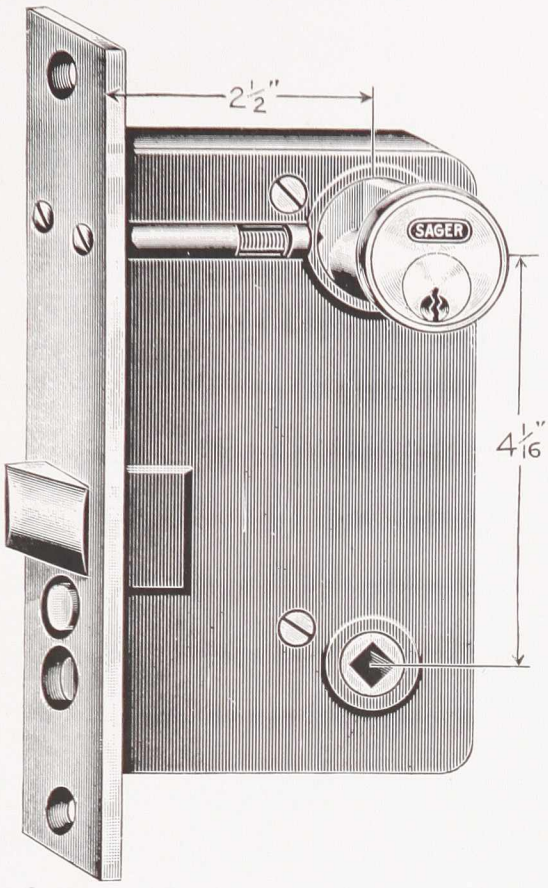
Number	Front and Bolts	Cylinders	Keys	Changes
670	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
671	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
672	Cast Bronze, Flat	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited
673	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
674	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
675	Cast Bronze, Flat	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited
*670R	Cast Bronze, ½ in. Rabbet	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
*671R	Cast Bronze, ½ in. Rabbet	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
*672R	Cast Bronze, ½ in. Rabbet	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.
*Not reversible. Specify hand described on Page No. 41A. Specify thickness of door.

MORTISE VESTIBULE DOOR LATCH



No. 670VR



Nos. 670V and 673V

DIMENSIONS

CASE	Japanned iron, 5⅞x3½x¾ in. Add 1 inch to special backsets for width of case.
FRONT	Flat, regular, 7¾x1⅛ inches. Flat, narrow, 7¾x1 inches. Rabbeted, 8½x1 5/16 inches.
STRIKE	Center of opening to end of lip, 1⅜ inches.
SPACING	Outside, center of cylinder to center of knob hub, 4 1/16 inches.
BACKSET	Flat, regular, 2½ inches. Flat, special, 2 inches. Rabbeted, regular 2½x2 in.
HUB	Bronze, for knob spindle, 5/16 inch
LATCH BOLT	7/16 inch throw.

OPERATION

No. 670V—Latch Bolt, by knob from outside when stop in front of lock is not set. By key from outside when stop is set. By knob at all times.

No. 673V—Narrow Front, operation same as No. 670V.

No. 670VR—Rabbeted Front, operation same as No. 670V.

MASTER KEYING

Cylinders can be master keyed with any cylinders using Key Class 88.

REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
670V	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
673V	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
*670VR	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

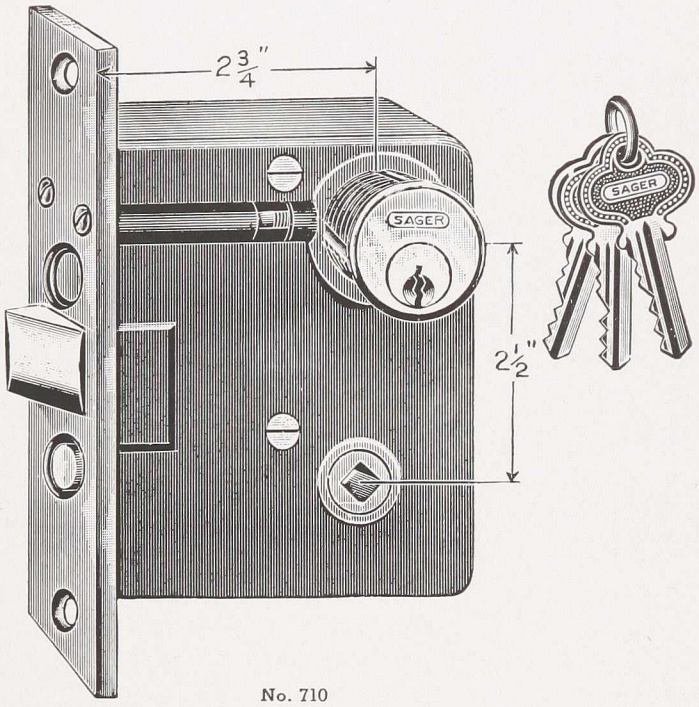
Packed each in a box, complete with screws.

*Not Reversible. Specify hand described on Page No. 41A of door.

Specify thickness of door.

Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE VESTIBULE DOOR LATCH



No. 710

DIMENSIONS

CASE	Japanned iron, 4¼x3¾x¾ inches. Add 1 inch to special backsets for width of case.
FRONT	Flat, 6¼x1⅛ inches.
STRIKE	Center of opening to end of lip, 1⅜ inches.
SPACING	Center of cylinder to center of knob hub, 2½ inches.
BACKSET	Regular, 2¾ inches. Special, 2¼ inches.
HUB	Bronze, for knob spindle, 5/16 inch.
LATCH BOLT	7/16 inch throw.

OPERATION

Latch Bolt, by knob from outside when stop in front of lock is not set. By key from outside when stop is set. By knob from inside at all times.

MASTER KEYING

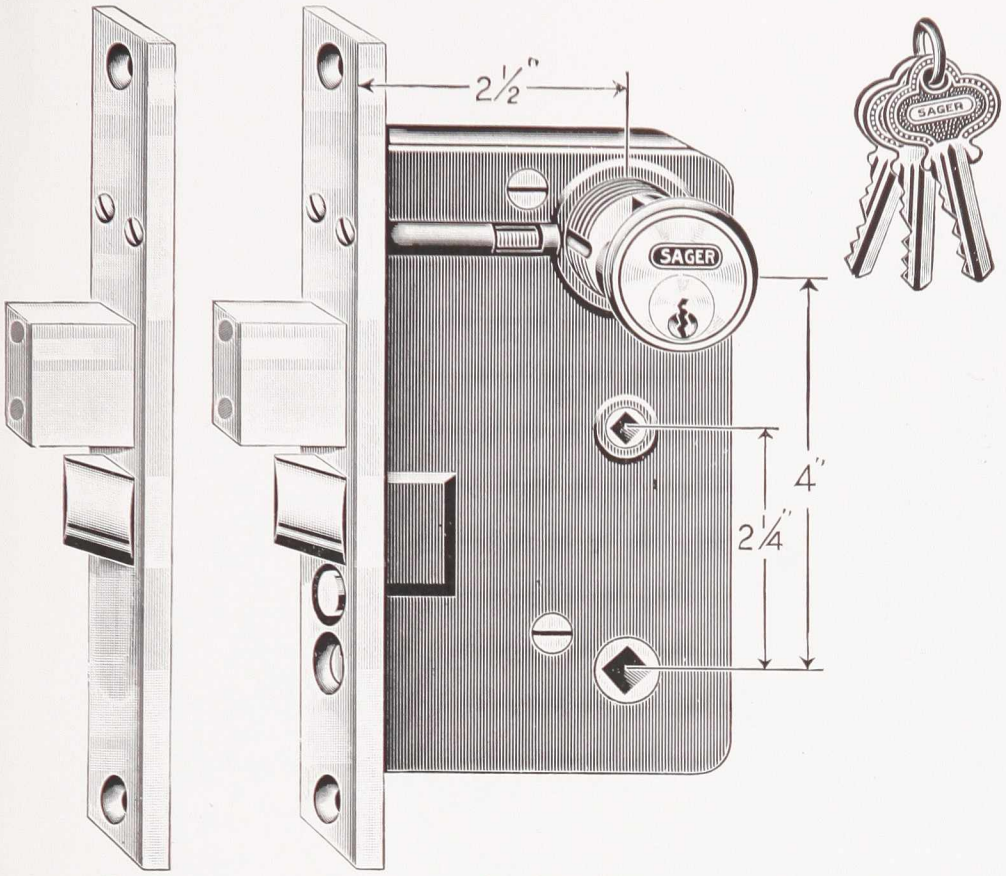
Cylinders can be master keyed with any cylinder using Key Class 88.

REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front and Bolt	Cylinder	Keys	Changes
710V	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.

MORTISE FRONT DOOR LOCK



No. 677 Nos. 676 and 678

DIMENSIONS

CASE	Japanned iron, 5⅞x3½x¾ inches. Add 1 inch to special backsets for width of case.
FRONT	Flat, regular, 7¾x1⅛ inches. Flat, narrow, 7¾x1 inches.
STRIKE	Wrought box, center of opening to end of lip, 1⅜ inches.
SPACING	Outside, center of cylinder to center of knob hub, 4 inches. Inside, center of turn knob hub to center of knob hub, 2¼ inches.
BACKSET	Regular, 2½ inches.
HUBS	Bronze, for knob spindle, 5/16 inch. Bronze, for turn knob spindle, 3/16 inch.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	**1 inch throw,** extra heavy, with two case hardened pins in center to prevent cutting of bolt when in locked position.

OPERATION

No. 676—Latch Bolt, by knob from outside when stop in front of lock is not set. By key from outside when stop is set. By knob from inside at all times.

Dead Bolt, by key from outside and turn knob from inside.

No. 677—No Stop Works. Latch Bolt, by knobs from both sides at all times.

Dead Bolt, by key from outside and turn knob from inside.

No. 678—Two Cylinders. Latch Bolt, by knob from outside when stop in front is not set. By key from outside when stop is set. By knob from inside at all times.

Dead Bolt, by key from either side.

No. 679—Narrow Front operation same as No. 676.

MASTER KEYING

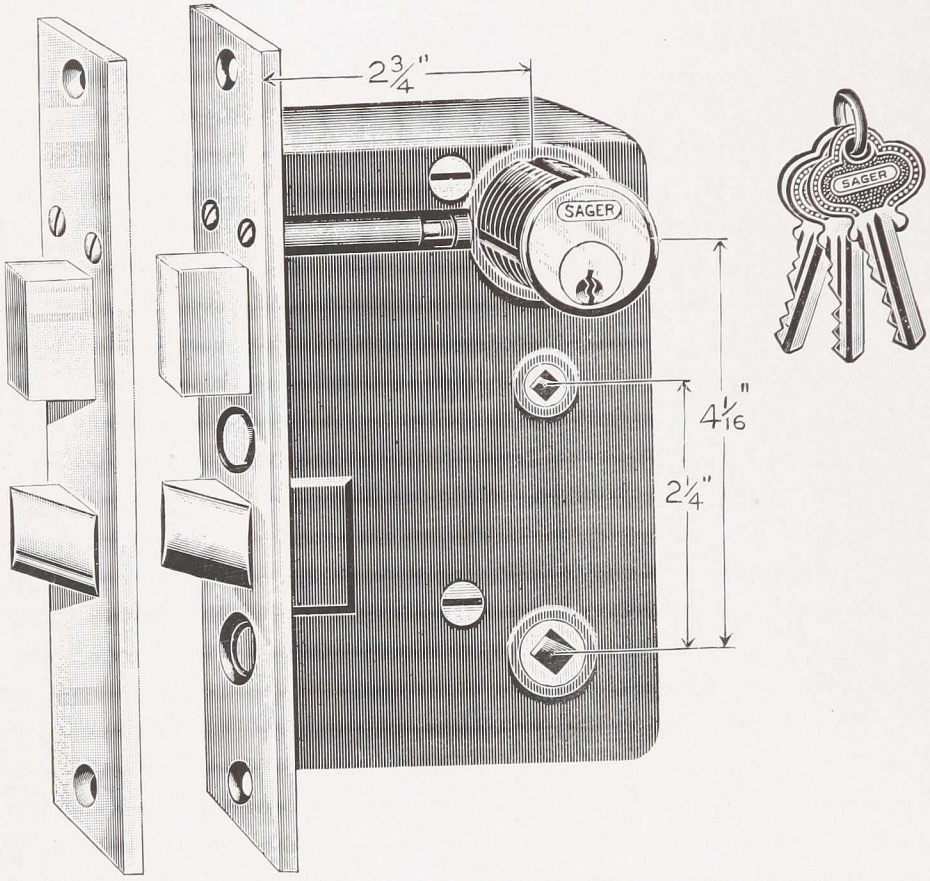
Cylinders can be master keyed with any cylinder using Key Class 88.

REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
676	Cast Bronze	One, Cast Bronze, No. 1904	Three, 1888	Unlimited
677	Cast Bronze	One, Cast Bronze, No. 1904	Three, 1888	Unlimited
678	Cast Bronze	Two, Cast Bronze, No. 1904	Three, 1888	Unlimited
679	Cast Bronze	One, Cast Bronze, No. 1904	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.

MORTISE FRONT DOOR LOCK



No. 661

Nos. 660 and 662

DIMENSIONS

CASE	Japanned iron, 5⅞x3¾x¾ inches.
	Add 1 inch to special backsets for width of case.
FRONT	Flat, 7⅞x1⅛ inches.
STRIKE	Center of opening to end of lip, 1½ in.
SPACING	Outside, center of cylinder to center of knob hub, 4 inches.
	Inside, center of turn knob hub to center of knob hub, 2¼ inches.
BACKSET	Regular, 2¾ inches.
	Special, 2¼ inches.
HUBS	Bronze, for knob spindle, 5/16 inch.
	Bronze, for turn knob spindle, 3/16 inch.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.

OPERATION

No. 660—Latch Bolt, by knob from outside when stop in front of lock is not set. By key from outside when stop is set. By knob from inside at all times.

Dead Bolt, by key from outside and by turn knob from inside.

No. 661—No stops, works Latch Bolt by knobs from both sides at all times.

Dead Bolt, by key from outside. By turn knob from inside.

No. 662—Two cylinders, same as No. 660, except by key from either side.

MASTER KEYING

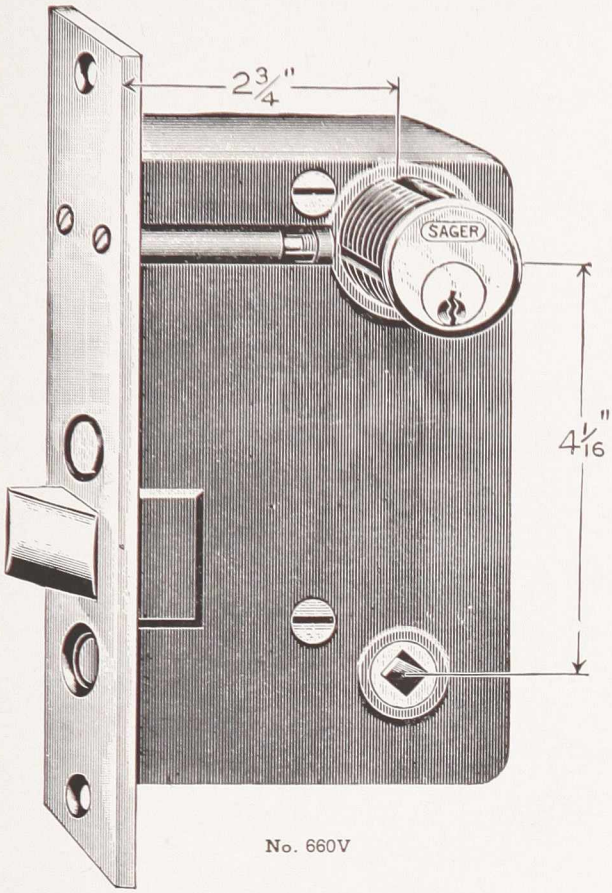
Cylinders can be master keyed with any cylinders using Key Class 88.

REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
660	Cast Bronze	One, No. 1901	Three, 1888	Unlimited
661	Cast Bronze	One, No. 1901	Three, 1888	Unlimited
662	Cast Bronze	Two, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.

MORTISE VESTIBULE DOOR LATCH



No. 660V

DIMENSIONS

CASE	Japanned iron, 5⅞x3¾x¾ in. Add 1 inch to special backsets for width of case.
FRONT	Flat, 7⅞x1⅛ inches.
STRIKE	Center of opening to end of lip, 1⅜ inches.
SPACING	Center of cylinder to center o knob hub, 4 1/16 inches.
BACKSET	Regular, 2¾ inches. Special, 2¼ inches.
HUB	Bronze, for swivel knob spindle, 5/16 inches.
LATCH BOLT	7/16 inch throw.

OPERATION

No. 660V—Latch Bolt, by knob from outside when stop in front is not set. By key from outside when stop is set. By knob from inside at all times.

MASTER KEYING

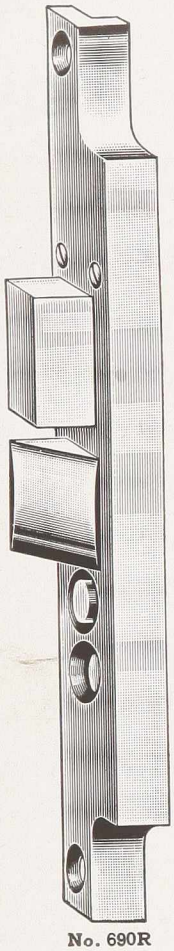
Cylinders can be master keyed with any cylinder using Kev Class 88.

REVERSIBLE—Type "M" Construction, Page No. 51A

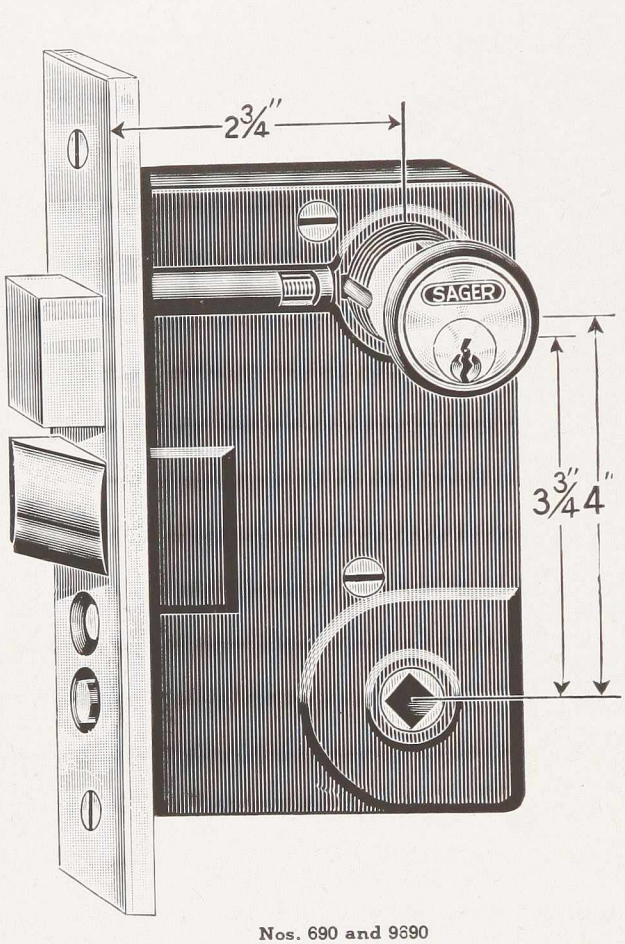
Number	Front and Bolt	Cylinder	Keys	Changes
660V	Cast Bronze	One, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.
Specify thickness of door.

HEAVY DUTY STANDARDIZED MORTISE FRONT DOOR LOCKS



No. 690R



Nos. 690 and 9690

DIMENSIONS

CASE	Japanned iron, 6x3⅞x$^{13}/_{16}$ inches.
FRONT	Flat, **armored**, regular, 8x1¼ inches.
	Rabbeted, 8⅞x1⅜ inches.
	Special, beveled, ⅛ inch on 2 inch.
STRIKE	Cast bronze, regular, for wood doors, center of opening to end of lip, 1½ in.
	Cast bronze, special, No. 9 for metal doors, center of opening to end of lip, 1⅜ in. Refer to Page No. 56A for description.
SPACING	Outside, center of cylinder to center of knob hub, 4 inches.
	Inside, center of turn knob hub to center of knob hub, 3¾ inches.
BACKSET	Flat, 2¾ inches.
	Rabbeted, 2¾x2¼ inches.
HUB	Bronze, for swivel knob spindle, $^{5}/_{16}$ inch. Disc, No. 1910, for turn knob.
LATCH BOLT	$^{9}/_{16}$ inch throw.
DEAD BOLT	⅝ inch throw.

OPERATION

Nos. 690 and 690R—Latch Bolt, by knob from outside when stop in front of lock is not set. By key from outside when stop is set. By knob from inside at all times.

Dead Bolt, by key from outside and by turn knob from inside.

No. 9690—Same as No. 690 except made to template and packed, with No. 9 strike and machine screws for metal door and jamb.

MASTER KEYING

Cylinders can be master keyed with any cylinders using Key Class 88.

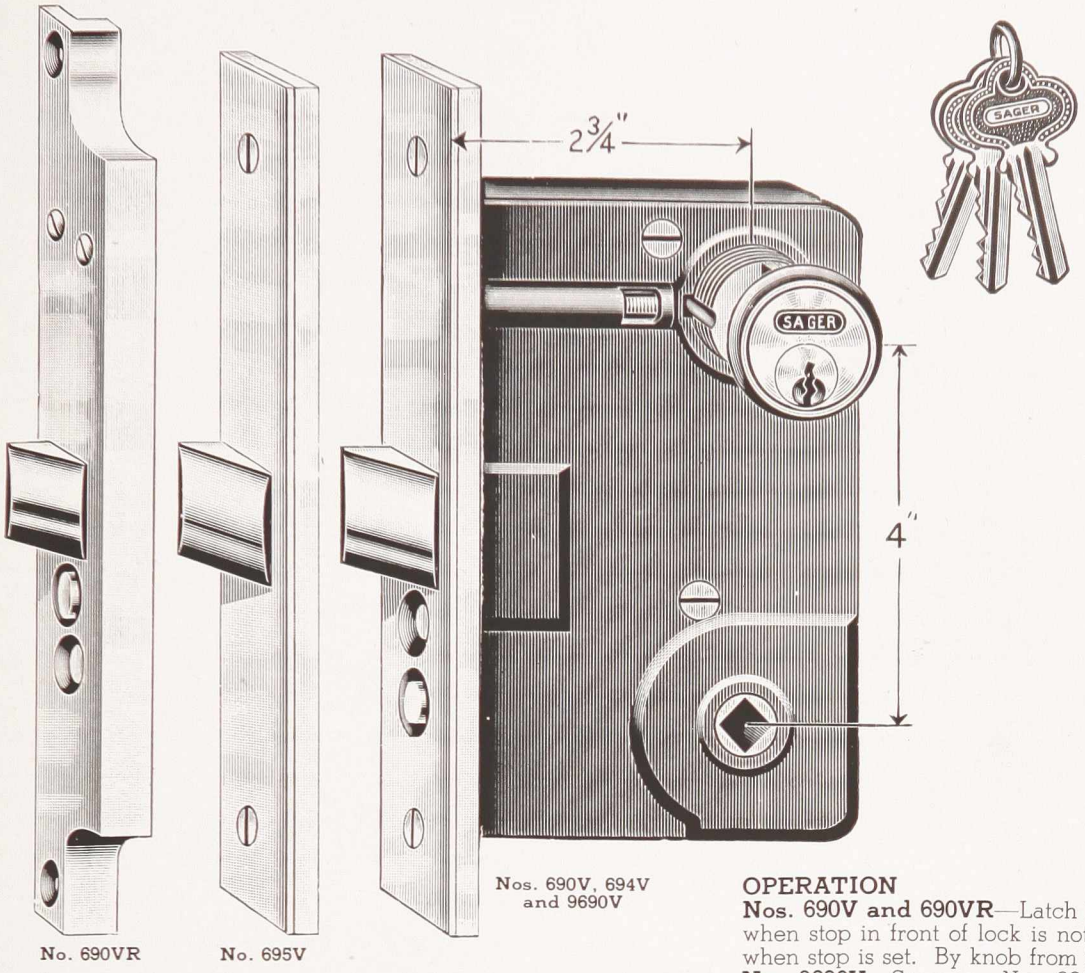
We manufacture a complete series of heavy duty standardized locks for wood doors and metal door which fit same mortise dimensions.

REVERSIBLE—Type "O" Construction, Page No. 51A

Number	Front and Bolts	Cylinder	Keys	Changes
690	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
9690	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
*690R	Cast Bronze, Rabbeted	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws. Beveled front lock Not Reversible. Specify hand described on Page No. 41A.
*Not Reversible. Specify hand. Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

HEAVY DUTY STANDARDIZED MORTISE VESTIBULE LATCH



No. 690VR

No. 695V

Nos. 690V, 694V and 9690V

DIMENSIONS

CASE	Japanned iron, 6x3⅞x13/16 inches.
FRONT	Flat, **armored**, regular, 8x1¼ inches. Rabbeted, 8⅞x1⅜ inches. Special, beveled, ⅛ inch on 2 inch.
STRIKE	Cast bronze, regular, for wood doors, center of opening to end of lip, 1½ in. Cast bronze, special No. 9 for metal doors, center of opening to end of lip, 1⅜ in. Refer to Page No. 56A for description.
SPACING	Center of cylinder to center of knob hub, 4 inches.
BACKSET	Flat, 2¾ inches. Rabbeted, 2¾x2¼ inches.
HUB	Bronze, for knob spindle, 5/16 inch.
LATCH BOLT	9/16 inch throw.

OPERATION

Nos. 690V and 690VR—Latch Bolt, by knob from outside when stop in front of lock is not set. By key from outside when stop is set. By knob from inside at all times.

No. 9690V—Same as No. 690V except made to template and packed with No. 9 strike and machine screws for metal door and jamb.

OPERATION

No. 694V—Two cylinders, by knobs from both sides when stop in front is not set. By key from either side when stop is set. Furnished with a solid spindle which makes the knobs rigid when stop in front of lock is set.

No. 695V—One Cylinder, no stops, Latch Bolt by key only from outside, by knob from inside at all times. Outside knob rigid.

MASTER KEYING

Cylinder can be master keyed with any cylinders using Key Class 88.

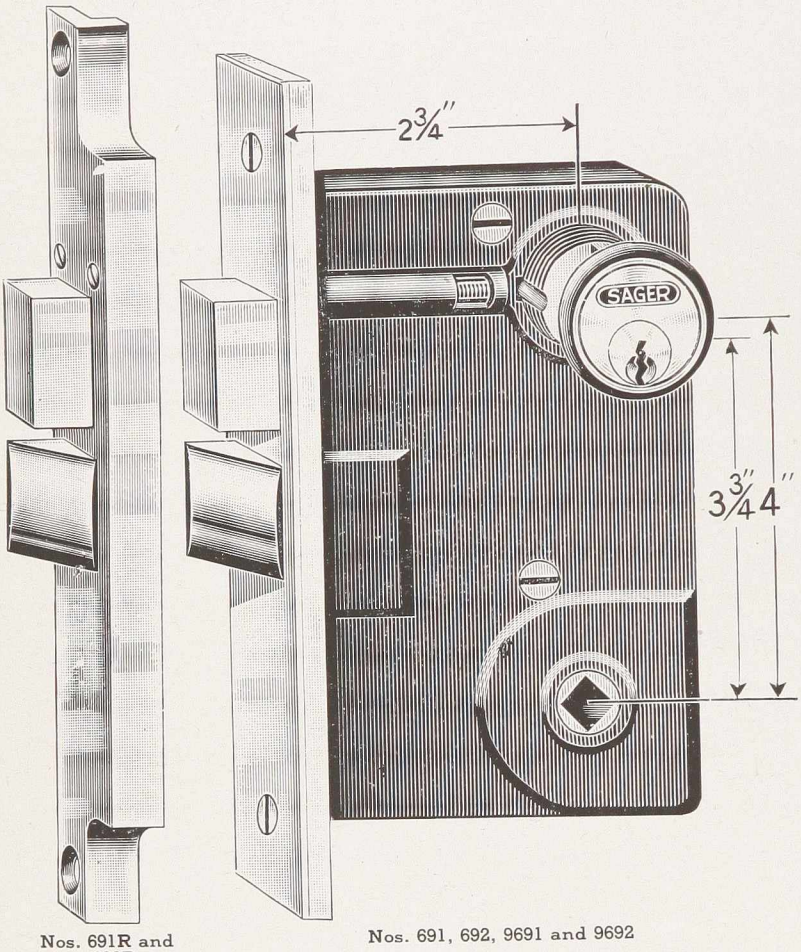
We manufacture a complete series of heavy duty standardized locks for wood doors and metal doors which fit same mortise dimensions.

REVERSIBLE—Type "O" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
690V	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
9690V	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
*690VR	Cast Bronze, Rabbeted	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
694V	Cast Bronze, Flat	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited
695V	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws. Beveled front locks, Not Reversible. Specify hand described on Page No. 41A.
*Not Reversible. Specify hand. Specify Number and Finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.

HEAVY DUTY STANDARDIZED MORTISE OFFICE DOOR LOCK



Nos. 691R and 692R

Nos. 691, 692, 9691 and 9692

DIMENSIONS

CASE	Japanned iron, 6x3 7/8x1 3/16 in.
FRONT	Flat, **armored**, regular, 8x1 ¼ inches.
	Rabbeted, 8x1 ⅜ inches.
	Special, beveled, ⅛ in. on 2 in.
STRIKE	Cast bronze, regular, for wood doors, center of opening to end of lip, 1 ½ inches.
	Cast bronze, special, No. 9 for metal doors, center of opening to end of lip, 1 ⅜ inches Refer to Page No. 56A for description.
SPACING	Outside, center of cylinder to center of knob hub, 4 inches.
	Inside, center of turn knob disc to center of knob hub, 3¾ in.
BACKSET	Flat, 2¾ inches.
	Rabbeted, 2¾x2¼ inches.
HUB	Bronze, for knob spindle, 5/16 in. Disc, No. 1910 for turn knob.
LATCH BOLT	9/16 inch throw.
DEAD BOLT	⅝ inch throw.

OPERATION

Nos. 691 and 691R—Latch Bolt, by knobs from both sides. Dead Bolt, by key from outside and by turn knob from inside.

No. 9691—Same operation as No. 691 except made to template and packed with No. 9 strike and machine screws for metal door and jamb.

Nos. 692 and 692R—Latch Bolt, by knobs from both sides. Dead Bolt, by key from either side.

OPERATION

No. 9692—Same operation as No. 692 except made to template and packed with No. 9 strike and machine screws for metal doors and jambs.

MASTER-KEYING

Cylinders can be master keyed with any cylinders using same Key Class 88.

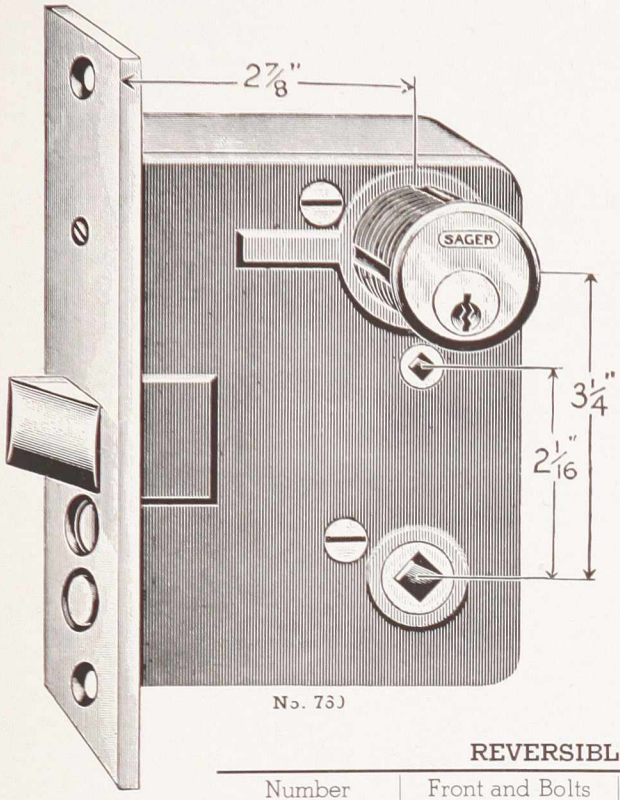
We manufacture a complete series of heavy duty standardized locks for wood doors and metal doors which fit same mortise dimensions.

REVERSIBLE—Type "O" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
691	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
*691R	Cast Bronze, Rabbeted	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
9691	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
692	Cast Bronze, Flat	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited
*692R	Cast Bronze, Rabbeted	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited
9692	Cast Bronze, Flat	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Beveled front locks, Not Reversible. Specify hand described on Page No. 41A.
*Not Reversible. Specify hand.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.

MORTISE OFFICE DOOR LOCKS



No. 760

DIMENSIONS

CASE	Japanned iron, 5x5¾x¾ inches. Add ⅞ inch to special backsets for width of case.
FRONT	Flat, 7x1⅛ inches.
STRIKE	Center of opening to end of lip, 1⅜ inches.
SPACING	Outside, center of cylinder to center of knob hub, 3¼ in. Inside, center of turn knob hub, to center of knob hub, 2 1/16 in.
BACKSET	Regular, 2⅞ inches. Special, 2½ inches.
HUBS	Bronze, for knob spindle, 5/16 in. Bronze, for turn knob hub, 3/16 in.
LATCH BOLT	7/16 inch throw.

OPERATION

Latch Bolt, by knob from outside when stop in front of lock is not set, by key from outside when stop is set and if not locked from inside by turn knob. The Latch bolt cannot be operated by key or knob from either side, when locked by turn knob from inside.

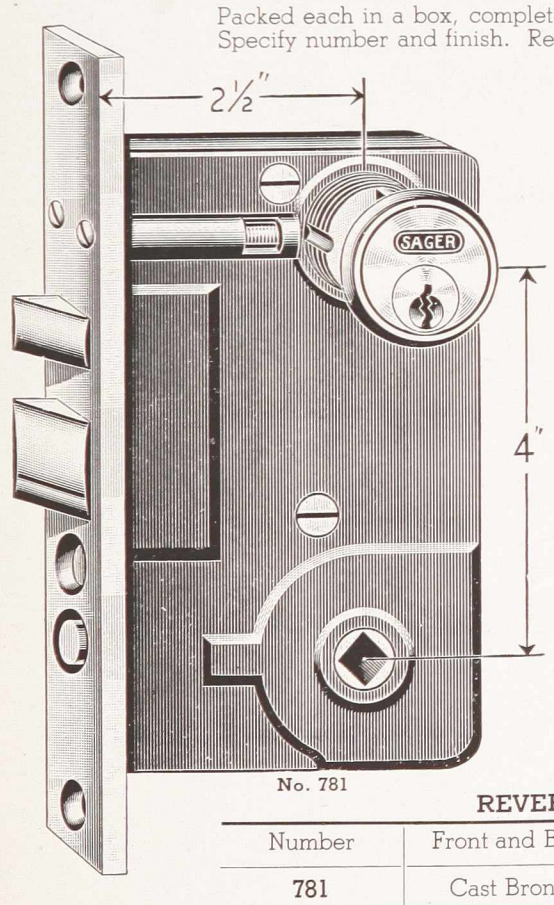
MASTER-KEYING

Cylinder can be master keyed with any cylinder using key class 88.

REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front and Bolts	Cylinder	Keys	Changes
760	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Specify number and finish. Refer to Page No. 32A for description of finish. Specify thickness of door.



No. 781

DIMENSIONS

CASE	Japanned iron, 5⅞x3⅝x¾ in.
FRONT	Flat 7¾x1⅛ inches.
STRIKE	Center of opening to end of lip, 1½ inches.
SPACING	Outside, center of cylinder to center of knob hub, 4 in.
BACKSET	2½ inches.
HUB	Bronze, for knob spindle, 5/16 inch.
LATCH BOLT	7/16 inch throw.

OPERATION

Latch Bolt, by knob from outside when stop in front of lock is not set, by key from outside when stop is set. By knob from inside at all times. When door is closed, auxiliary bolt automatically dead locks the Latch Bolt and stops making them proof against end pressure.

MASTER-KEYING

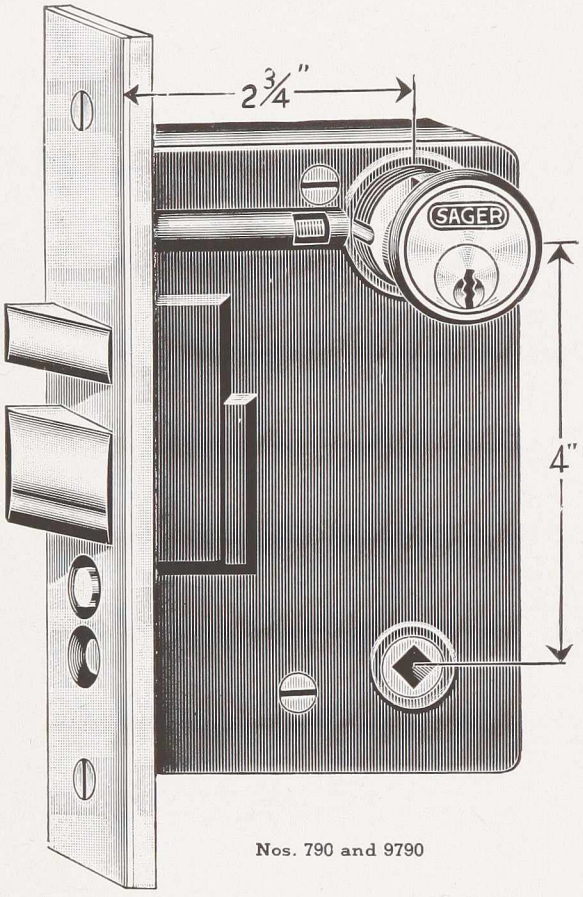
Cylinder can be master keyed with any cylinder using key class 88.

REVERSIBLE—Type "O" Construction, Page No. 51A

Number	Front and Bolts	Cylinder	Keys	Changes
781	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Specify number and finish. Refer to Page No. 32A for description of finish. Specify thickness of door.

HEAVY DUTY STANDARDIZED MORTISE OFFICE LOCKS



Nos. 790 and 9790

DIMENSIONS

CASE	Japanned iron, 6x3 7/8x1 13/16 in.
FRONT	Flat, **armored,** regular, 8x1 ¼ inches. Special, beveled, ⅛ in. on 2 in.
STRIKE	Cast bronze, regular, for wood doors, center of opening to end of lip, 1½ inches. Cast bronze, special, No. 9 for metal doors, center of opening to end of lip, 1⅜ inches. Refer to Page No. 56A for description.
SPACING	Center of cylinder to center of knob hub, 4 inches.
BACKSET	2¾ inches.
HUB	Bronze, for knob spindle, 5/16 inch
LATCH BOLT	9/16 inch throw.
AUXILIARY	½ inch throw.

OPERATION

No. 790—Latch Bolt, by knob from outside when stop in front of lock is not set. By key from outside when stop is set. By knob from inside at all times. When door is closed auxiliary bolt automatically dead locks the latch bolt and stops, making them proof against end pressure.

No. 9790—Same as No. 790. Lock made to template and packed with No. 9 strike and machine screws for metal door and jamb.

MASTER-KEYING

Cylinders can be master keyed with any cylinder using Key Class 88.

We manufacture a complete series of heavy duty standardized locks for wood doors and metal doors which fit same mortise dimensions.

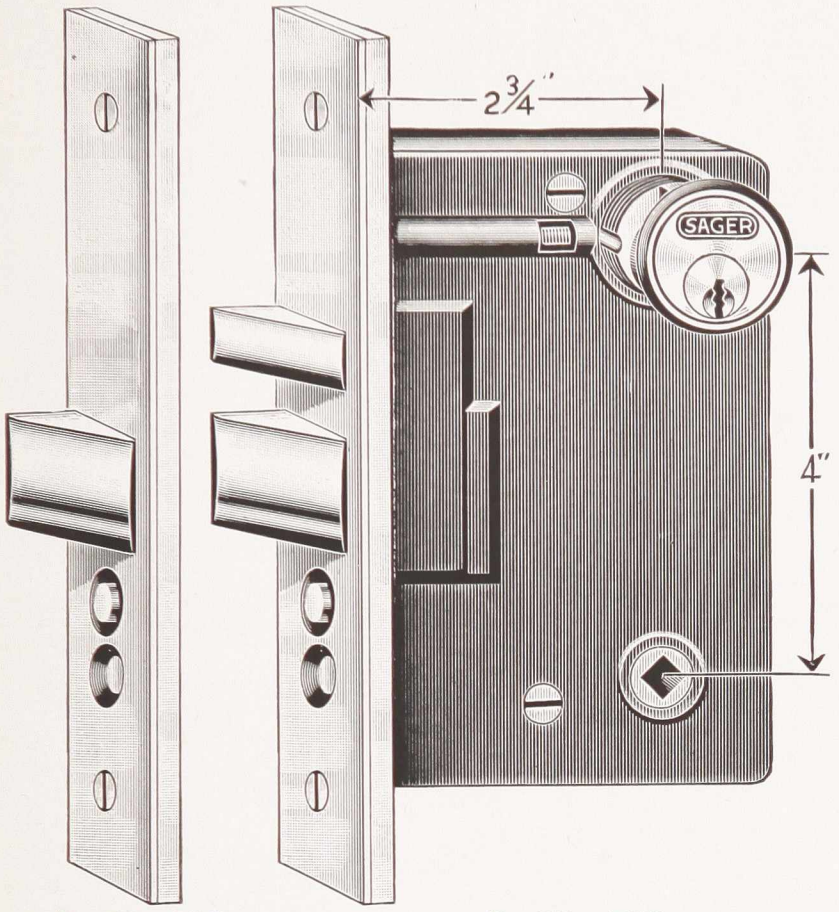
REVERSIBLE—Type "O" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
790	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
9790	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Not Reversible. Specify hand described on Page No. 41A.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.

HEAVY DUTY STANDARDIZED MORTISE OFFICE LOCKS

3/4 INCH THROW LATCH BOLTS



Nos. 792 and 9792 Nos. 793 and 9793

DIMENSIONS

CASE	Japanned iron, 6x3⅞x 13/16 inches.
FRONT	Flat, **armored,** regular, 8x1¼ inches. Special, beveled, ⅛ in. on 2 inches.
STRIKE	Cast bronze, regular, for wood doors, center of opening to end of lip, 1½ inches. Cast bronze, special, No. 9 for metal doors, center of opening to end of lip, 1⅜ in. Refer to Page No. 56A for description.
SPACING	Center of cylinder to center of knob hub, 4 in.
BACKSET	2¾ inches.
HUB	Bronze, for knob spindle, 5/16 inch.
LATCH BOLT	¾ inch throw.
AUXILIARY	½ inch throw.

OPERATION

No. 793—Latch Bolt, by knob from outside when stop in front of lock is not set. By key from outside when stop is set. By knob from inside at all times when door is closed auxiliary bolt automatically dead locks the Latch Bolt and the stops, making them proof against end pressure.

No. 9793—Same as No. 793 except made to template and packed with No. 9 strike and machine screws for metal doors and jambs.

No. 792—Same as No. 793 without auxiliary.

No. 9792—Same as 792. Lock made to template and packed with No. 9 strike and machine screws for metal door and jamb.

MASTER-KEYING

Cylinders can be master keyed with any cylinders using key class 88.

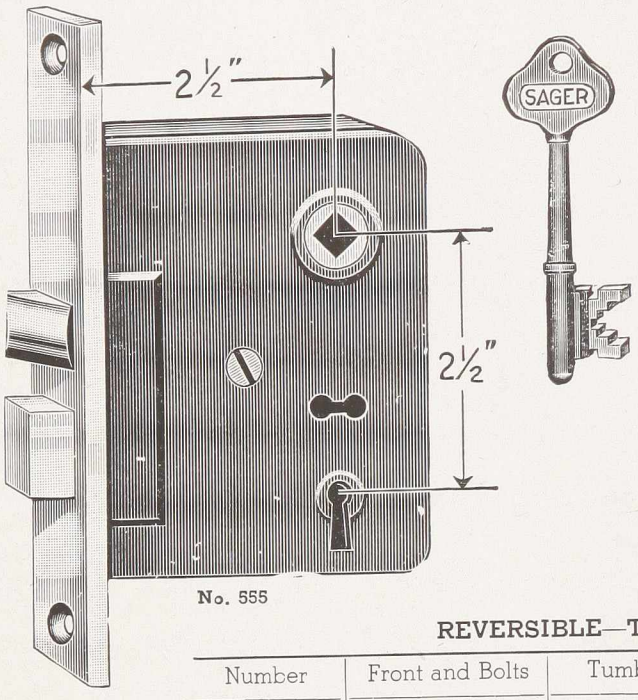
We manufacture a complete series of heavy duty, standardized locks for wood doors and metal doors which fit same mortise dimensions.

NOT REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
792	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
9792	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
793	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
9793	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Beveled locks, Not Reversible, specify hand described on Page No. 41A.
Specify hand.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.

MORTISE HOTEL LOCKS



No. 555

FOR INTERIOR DOORS

DIMENSIONS

CASE Japanned iron, 4¼x3⅜x1 13/16 inches.
FRONT Flat, 6⅞x1⅛ inches.
STRIKE Center of opening to end of lip, 1⅛ in.
SPACING Center of hub to center of keyhole, 2½ in.
BACKSET 2½ inches.
HUB Bronze, for knob spindle, 5/16 inch.
LATCH BOLT 7/16 inch throw.
DEAD BOLT ½ inch throw.

OPERATION

Latch Bolt, by knob from both sides.
Dead Bolt, by key from either side.

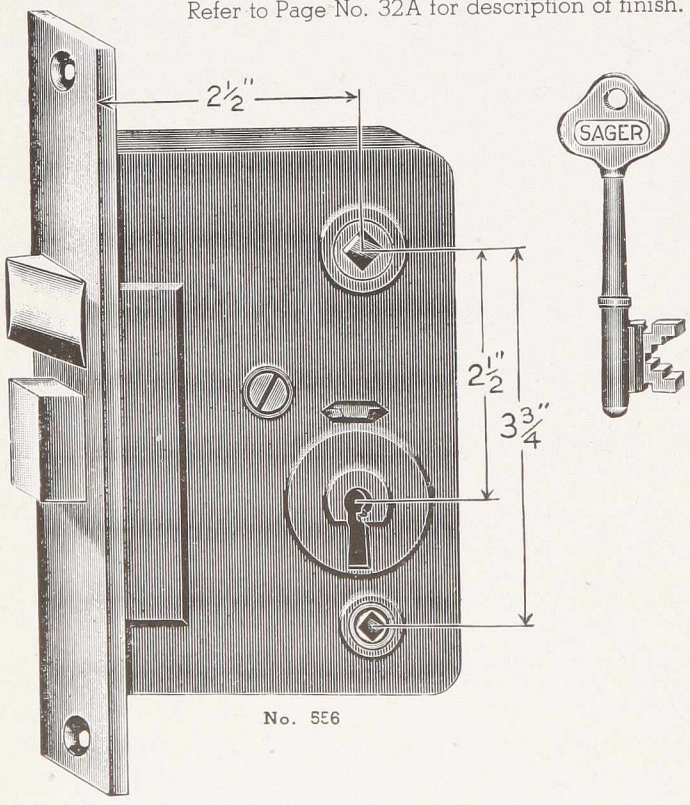
MASTER-KEYING

Master-keyed in 12 groups of 120 each. The 1440 all different, with each group subject to a master key and all subject to a grand master key. Can be master-keyed with any lock using same class master key.

REVERSIBLE—Type "J" Construction, Page No. 51A

Number	Front and Bolts	Tumblers	Change Key	Changes	Master Key
555	Cast Bronze	Four, Steel	One, 1816L	1440	1816LM

Packed each in a box, complete with screws. Specify Number and Finish.
Refer to Page No. 32A for description of finish.



No. 556

FOR BATH DOORS

DIMENSIONS

CASE Japanned iron, 5¼x3⅜x1 13/16 inches.
FRONT Flat, 7¼x1⅛ inches.
STRIKE Center of opening to end of lip, 1⅛ in.
SPACING Center of knob hub to center of keyhole, 2½ inches.
Center of knob hub to center of turn knob hub, 3¾ inches.
BACKSET 2½ inches.
HUBS Bronze, for knob spindle, 5/16 inch.
Bronze, for turn knob spindle, 3/16 inch.
LATCH BOLT 7/16 inch throw.
DEAD BOLT ½ inch throw.

OPERATION

Latch Bolt, by knob from both sides.
Dead Bolt, by key from outside and by turn knob inside.

MASTER-KEYING

Master-keyed in 12 groups of 120 each. The 1440 all different, with each group subject to a master key and all subject to a grand master key.
Can be master-keyed with any lock using same class master key.

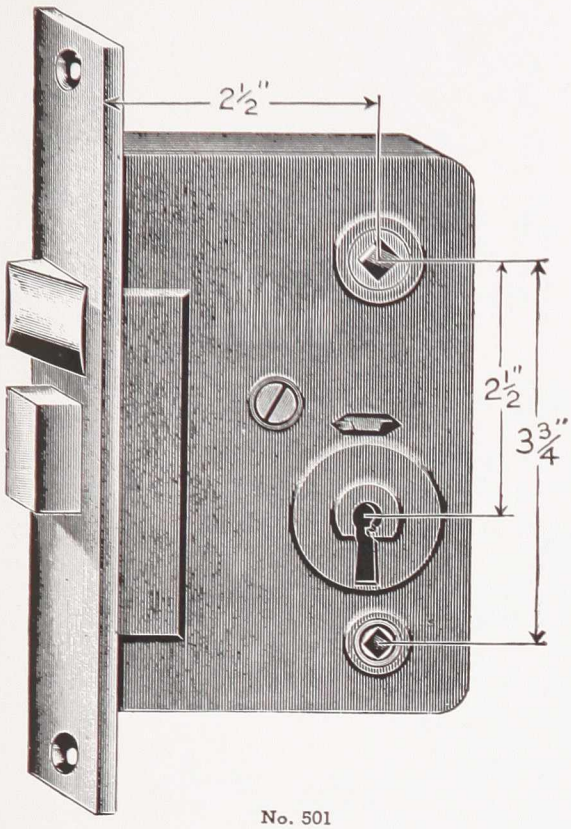
REVERSIBLE—Type "J" Construction, Page No. 51A

Number	Front and Bolts	Tumblers	Change Key	Changes	Master Key
556	Cast Bronze	Four, Steel	One, 1816L	1440	1816LM

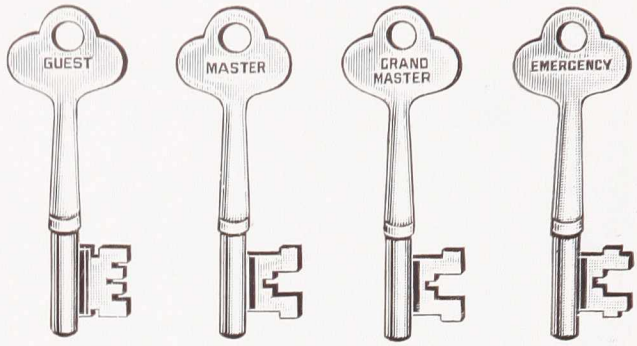
Packed each in a box, complete with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE HOTEL LOCKS

FOR CORRIDOR DOORS



No. 501



Guest or Change Key Class F | Master Key Class FM | Grand Master Key Class FGM | Emergency Key Class FE

DIMENSIONS

CASE	Japanned iron, 5⅜x3⅜x⅝ inches.
FRONT	Flat, 7⅜x1⅛ inches.
STRIKE	Center of opening to end of lip, 1⅛ in.
SPACING	Outside, center of keyhole to center of knob hub, 2½ inches.
SPACING	Inside, center of knob hub to center of turn knob hub, 3¾ inches.
BACKSET	2½ inches.
HUBS	Bronze, for knob spindle, 5/16 inch. Bronze, for turn knob spindle, 3/16 inch.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.

OPERATION

Latch Bolt, by knobs from both sides at all times.

Dead Bolt, from outside by guest, master, grand master and emergency keys, except when locked by turn knob from inside, then by emergency key only.

Dead Bolt, from inside by turn knob only.

When locked from inside with turn knob, can be operated from outside by emergency key only.

This lock **cannot** be furnished with indicator feature.

MASTER KEYING

This lock can be master keyed in 8 groups of 80 each, the 640 all different, with each group subject to a master key and all subject to a grand master key.

This lock can be master keyed with any lock using same class master key.

KEY ARRANGEMENT

Guest Key or Change Key • Operates only the one lock constructed to be controlled by same. Bow of key stamped with room number when requested.

Master Key or Maid's • Operates any group of locks constructed to be controlled by same, except when locked from inside by turn knob. Bow of key stamped "Maid" and the floor number, when requested.

Grand Master Key or Housekeeper's • Operates all locks and groups of locks constructed to be controlled by same, except when locked from inside by turn bolt. Bow of key stamped "Housekeeper" when requested.

Emergency Key • Operates all locks constructed to be controlled by same even when locked from inside by turn knob. If requested "Shut Out" feature can be added in lock so when locked by emergency key cannot be unlocked with any other key.

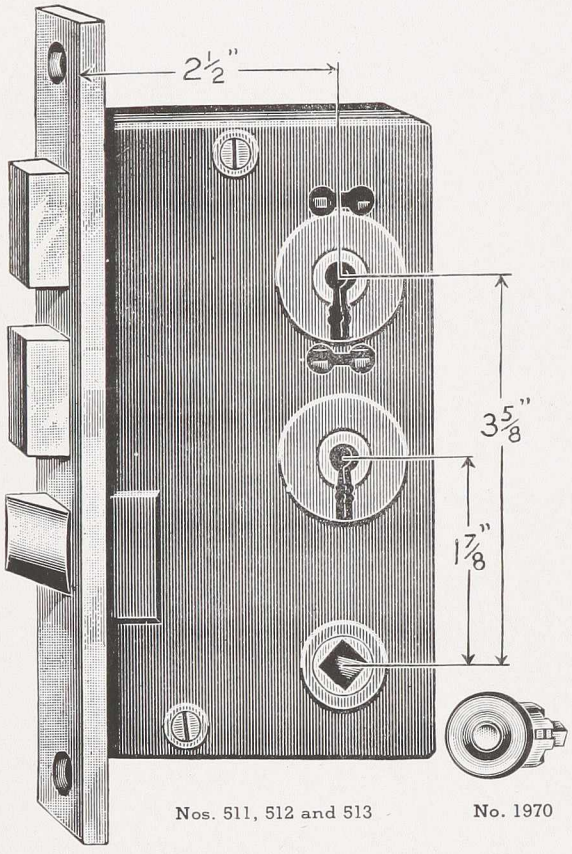
REVERSIBLE—Type "J" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Change Keys	Changes	Master Key
501	Cast Bronze	Cast Bronze	Four, Steel	Two, No. 1817F	640	No. 1817FM

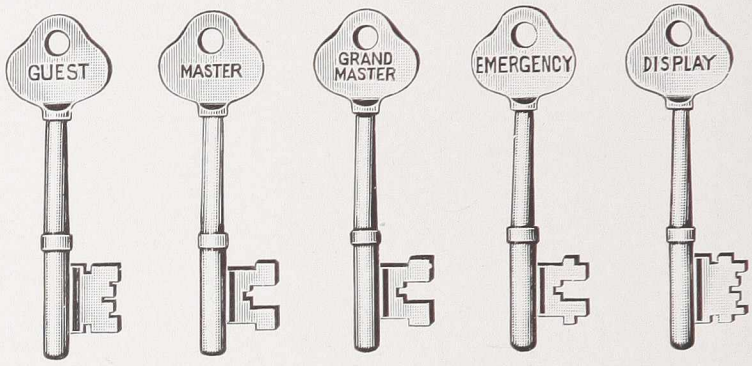
Packed each in a box, complete with screws.
Specify number and finish. Refer to Page No. 32A for description of finish.
Not reversible, specify hand described on Page No. 41A.

MORTISE HOTEL LOCKS

FOR CORRIDOR DOORS



Nos. 511, 512 and 513 — No. 1970



Guest or Change Key Class L — Master Key Class LM — Grand Master Key Class LGM — Emergency Key Class LE — Display Key Class LD

DIMENSIONS

CASE	Japanned iron, 6x3½x$^{13}/_{16}$ inches.
FRONT	Flat, 7⅞x1⅛ inches.
STRIKE	Center of opening to end of lip, 1½ inches.
SPACING	Outside, center of keyhole to center of knob hub, 3⅝ inches.
	Inside, center of keyhole to center of knob hub, 1⅞ inches.
BACKSET	2½ inches.
HUB	Bronze, for knob spindle, $^{5}/_{16}$ inches.
LATCH BOLT	$^{7}/_{16}$ inch throw.
DEAD BOLTS	½ inch throw.

OPERATION

No. 511—Latch Bolt, by knobs from both sides.
Upper Dead Bolt, by guest's, master, grand master and emergency keys from outside.
Lower Dead Bolt, by guest's key from inside.
When locked from inside, lock can be operated from outside by emergency key only.
When locked from inside, knobs are rigid and function as an indicator showing that room is occupied.
No. 512—Same as No. 511 with the additional feature of a display key.
No. 513—Same as No. 511 with the additional feature of the emergency key functioning as a shut out key.
Push button indicator **No. 1970** can be used in connection with above locks by specifying.

MASTER KEYING

Can be master keyed in 12 groups of 120 each. The 1440 all different, with each group subject to a master key and all subject to a grand master key.
This lock can be master keyed with any lock using same class master key.

KEY ARRANGEMENT

Guest Key or Change Key • Operates only the one lock constructed to be controlled by same. Bow of key stamped with room number when requested.

Master Key or Maid's • Operates any group of locks constructed to be controlled by same and when not locked from inside by guest key. Bow of key stamped "Maid" and the floor number when requested.

Grand Master Key or Housekeeper's • Operates all locks and group of locks constructed to be controlled by same except when locked from inside by guest key. Bow of key stamped "Housekeeper's" when requested.

Emergency Key • Operates all locks constructed to be controlled by same even when locked from the inside by guest key.

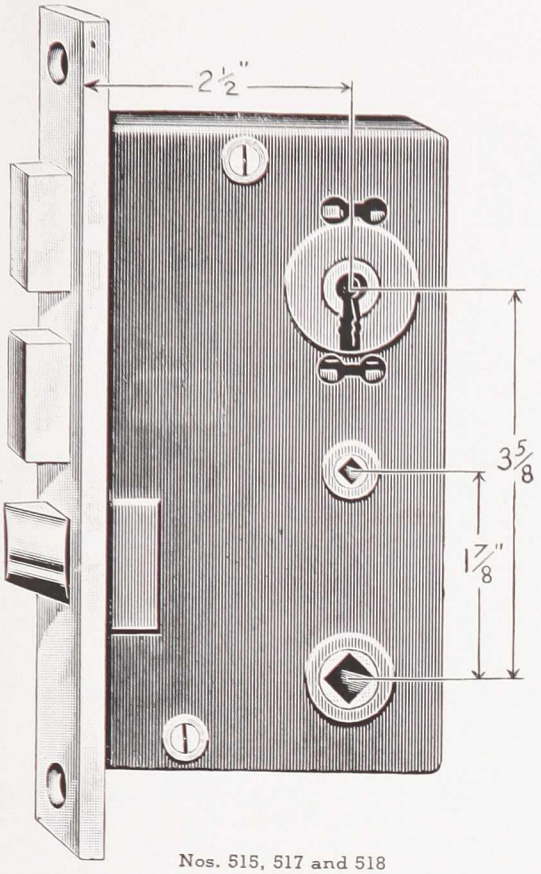
Display Key • Operates only the one lock constructed to be controlled by same. When locked with this key "shuts out" all other keys except the emergency key.

NOT REVERSIBLE—Type "J" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Change Keys	Changes	Master Key
511	Cast Bronze	Cast Bronze	Five, Steel	Two, No. 1816L	1440	1816LM
512	Cast Bronze	Cast Bronze	Five, Steel	Two, No. 1816L	1440	1816LM
513	Cast Bronze	Cast Bronze	Five, Steel	Two, No. 1816L	1440	1816LM

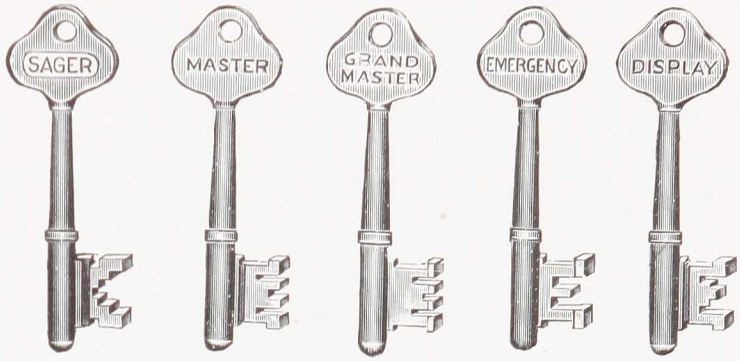
Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Not Reversible. Specify hand described on Page No. 41A.

MORTISE HOTEL LOCKS



Nos. 515, 517 and 518

FOR CORRIDOR DOORS



Guest or Change Key Class L | Master Key Class LM | Grand Master Key Class LGM | Emergency Key Class LE | Display Key Class LD

DIMENSIONS

CASE	Japanned iron, 6x3½x$^{13}/_{16}$ inches.
FRONT	Flat, 7⅛x1⅛ inches.
STRIKE	Center of opening to end of lip, 1½ inches.
SPACING	Outside, center of keyhole to center of knob hub, 3⅝ inches.
	Inside, center turn knob hub to center of knob hub, 1⅞ inches.
BACKSET	2½ inches.
HUBS	Bronze, for knob spindle, $^{5}/_{16}$ inches.
	Bronze, for turn knob spindle, $^{3}/_{16}$ inches.
LATCH BOLT	$^{7}/_{16}$ inch.
DEAD BOLTS	½ inch.

OPERATION

No. 515—Latch Bolt, by knobs from both sides.

Upper Dead Bolt, by guest, master, grand master and emergency keys from outside.

Lower Dead Bolt, by turn knob inside.

When locked from inside, lock can be operated from outside by emergency key only.

When locked from inside, knobs are rigid and function as an indicator showing that room is occupied.

No. 517—Same as 515 with the additional feature of a display key.

No. 518—Same as 515 with the additional feature of the emergency key functioning as a "shut out" key.

MASTER KEYING

Can be master keyed in 12 groups of 120 each, the 1440 all different, with each group subject to a master key and all subject to a grand master key.

This lock can be master keyed with any lock using same class master key.

KEY ARRANGEMENT

Guest Key or Change Key • Operates only the one lock constructed to be controlled by same. Bow of key stamped with room number when requested.

Master Key or Maid's • Operates any group of locks constructed to be controlled by same, except when locked from inside by turn knob. Bow of key stamped "Maid" and the floor number, when requested.

Grand Master Key or Housekeeper's • Operates all locks and groups of locks constructed to be controlled by same, except when locked from inside by turn knob. Bow of key stamped "Housekeeper's" when requested.

Emergency Key • Operates all locks constructed to be controlled by same even when locked from inside by turn knob.

Display Key • Operates only the one lock constructed to be controlled by same. When locked with this key "shuts out" all other keys except the emergency.

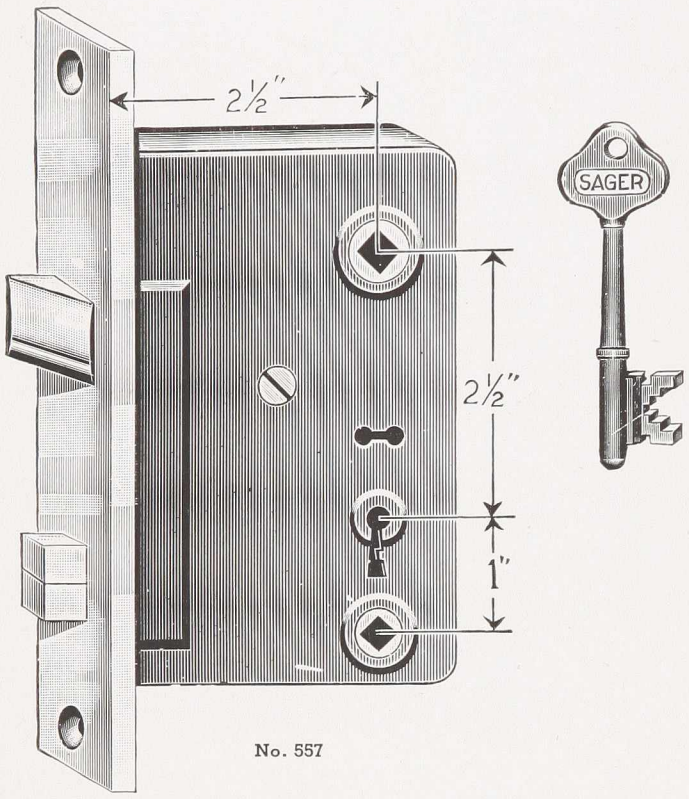
NOT REVERSIBLE—Type "J" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Change Keys	Changes	Master Key
515	Cast Bronze	Cast Bronze	Five, Steel	Two, No. 1816L	1440	No. 1816LM
517	Cast Bronze	Cast Bronze	Five, Steel	Two, No. 1816L	1440	No. 1816LM
518	Cast Bronze	Cast Bronze	Five, Steel	Two, No. 1816L	1440	No. 1816LM

Packed each in a box, complete with screws.
Specify number and finish. Refer to Page No. 32A for description of finish.
Not reversible, specify hand described on Page No. 41A.

MORTISE HOTEL LOCKS

FOR COMMUNICATING DOORS



No. 557

DIMENSIONS

CASE	Japanned iron, 6x3½x$^{13}/_{16}$ inches.
FRONT	Flat, 7⅞x1⅛ inches.
STRIKE	Center of opening to end of lip, 1½ inches.
SPACING	Center of keyhole to center of knob hub, 2½ inches. Center of key hole to center of turn knob hub, 1 inch.
BACKSET	2½ inches.
HUBS	Bronze, for knob spindle, $^{5}/_{16}$ inch. Bronze, for turn knob spindle, $^{3}/_{16}$ in.
LATCH BOLT	$^{7}/_{16}$ inch throw.
DEAD BOLT	½ inch throw.

OPERATION

Latch Bolt, by knobs from both sides.

Dead Bolt, by independent turn knobs from either side. Key deadlocks dead bolts so turn knobs will not operate.

MASTER KEYING

Can be master keyed in 12 groups of 120 each. The 1440 all different, with each group subject to a master key and all subject to a grand master key.

The lock can be master keyed with any lock using same Class Master Key.

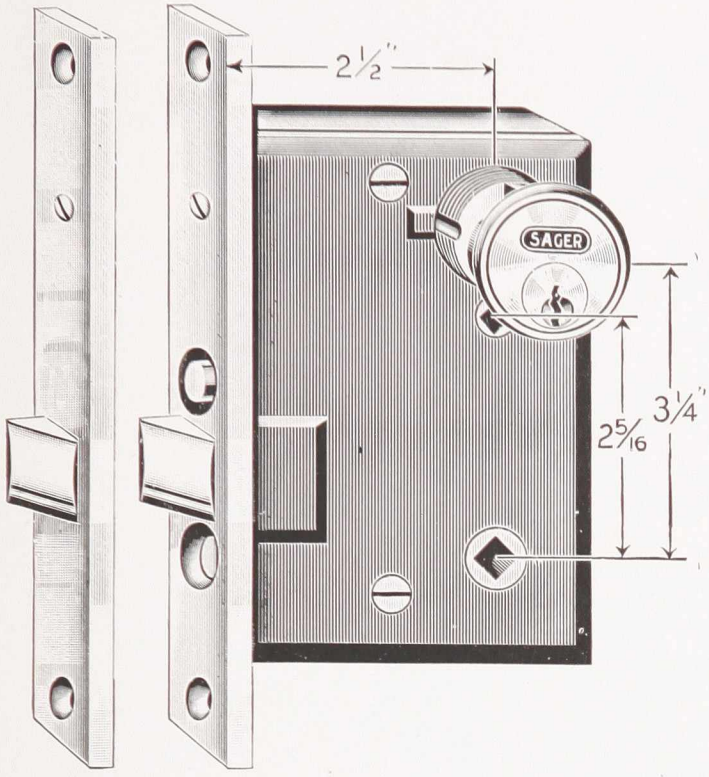
REVERSIBLE—Type "J" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Change Keys	Changes	Master Key
557	Cast Bronze	Cast Bronze	Five, Steel	Two, 1816L	1440	1816LM

Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.

MORTISE APARTMENT AND HOTEL LOCK

FOR CORRIDOR DOORS



No 522 No. 521

Guest or Change Key | Master Key | Grand Master Key | Emergency Key | Shutout Plug

DIMENSIONS

CASE	Japanned iron, 5x3¾x1 1/16 inches.
FRONT	Flat, 7x1 inches.
STRIKE	Center of opening to end of lip, 1 inch.
STRIKE	Protected, always furnished unless otherwise specified.
SPACING	Outside, center of cylinder to center of knob hub, 3¼ inches.
	Inside, center of knob hub to center of turn knob hub, 2 5/16 inches.
BACKSET	2½ inches.
HUBS	Iron, for knob spindle, 5/16 inch.
	Bronze, for turn knob spindle, 3/16 inch.
LATCH BOLT	7/16 inch throw.

OPERATION

No. 521—With stops in front. By knob from outside, except when set by stops in front of lock. By knob inside at all times. By guest, master and grand master key from outside, except when locked from inside by turn knob, then by guest and emergency key only.

No. 522—Without stops in front. Always locked when door is closed. By knob from inside at all times. By guest, master and grand master key from outside, except when locked from inside by turn knob, then by guest and emergency key only.

SPECIAL CYLINDER

A special cylinder can be furnished with a shut out key. This shut out key eliminates use of all other keys. Specify by prefixing S. O. C.

MASTER KEYING

Cylinders can be master keyed with any cylinder using Key Class 88.

KEY ARRANGEMENT

Guest Key or Change • Operates only the one lock constructed to be controlled by same. Bow of key stamped with room number when requested.

Master Key or Maid's • Operates any group of locks constructed to be controlled by same, except when locked from inside by turn knob. Bow of key stamped "Maid" and the floor number when requested.

Grand Master Key or Housekeeper's • Operates all locks and groups of locks constructed to be controlled by same, except when locked from inside by turn knob. Bow of key stamped "Housekeeper's" when requested.

Emergency Key • Operates all locks constructed to be controlled by same key, even when locked from inside by turn knob.

Special Shut Out Plug • This split key enters the cylinder plug and by withdrawing the bow brings out half of the key. The other half remains in the cylinder plug, making it impossible to insert any other key. Only a few required for a large building, thereby giving an inexpensive shut out system.

These locks are subject to duplicate guest key operation if wanted. Duplicate guest key will not operate when door is locked on inside by turn knob. Can be furnished on order.

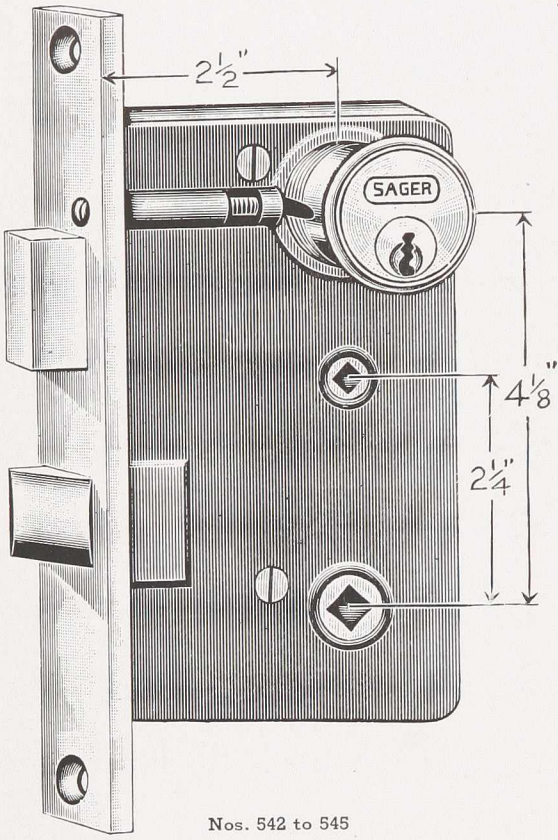
NOT REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
521	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
522	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Not Reversible. Specify hand described on Page No. 41A.
Specify thickness of door.

MORTISE HOTEL LOCKS

FOR CORRIDOR DOORS



Nos. 542 to 545

Guest Key | Master Key | Grand Master Key | Emergency Key | Shut Out Key | Shut Out Plug

DIMENSIONS

CASE	Japanned iron, 6⅛x3⅜x⅞ inches.
FRONT	Flat, 8x1¼ inches.
STRIKE	Center of opening to end of lip, 1¼ inches.
SPACING	Outside, center of cylinder hole to center of knob hub, 4⅛ inches.
SPACING	Inside, center of turn knob hub to center of knob hub, 2¼ inches.
BACKSET	2½ inches.
HUBS	Bronze, for knob spindle, 5/16 inch.
	Bronze, turn knob spindle, 3/16 inch.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.

No. 542—Latch Bolt, by knob from both sides. Dead Bolt, by turn knob from inside and by guest, master and grand master key from corridor side, except when locked by turn knob from inside, then by guest key only. When locked from inside by turn knob, knobs are rigid, acting as indicator that room is occupied.

No. 543—Same as No. 542 with additional feature of emergency key, which will operate at all times.

No. 544—Same as No. 542, but furnished with a shut out cylinder so that when locked with a shut out key all other keys will not operate. Furnished in a limited number of key changes.

No. 545—Same as No. 542, but furnished with split shut out key so that all other keys will not operate.

KEYING ARRANGEMENT

Guest Key or Change Key • Operates only the one lock constructed to be controlled by same. Bow of key stamped with room number when requested.

Master Key or Maid's • Operates any group of locks constructed to be controlled by same, except when locked from inside by turn knob. Bow of key stamped "Maid" and the floor number when requested.

Grand Master Key or Housekeeper's • Operates all locks and groups of locks constructed to be operated by same, except when locked from inside by turn knob. Bow of key stamped "Housekeeper" when requested.

Emergency Key • Operates all locks constructed to be controlled by same even when locked from inside by turn knob.

Special Shut Out Plug • This split key enters the cylinder plug and by withdrawing the bow brings out one-half of the key, the other half remaining in the cylinder plug, making it impossible to insert any other key. Only a few required for a large building, thereby giving an inexpensive shut out system.

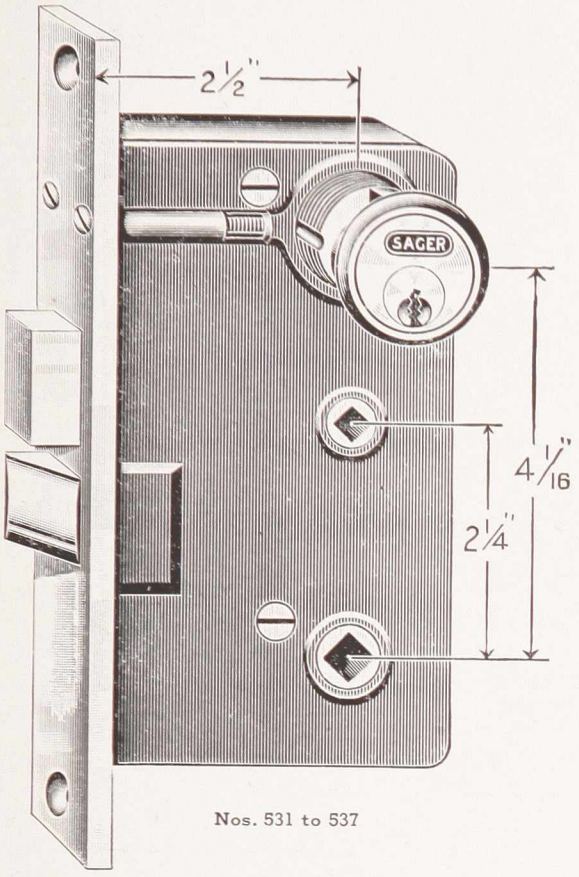
NOT REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
542	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
543	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
544	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
545	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

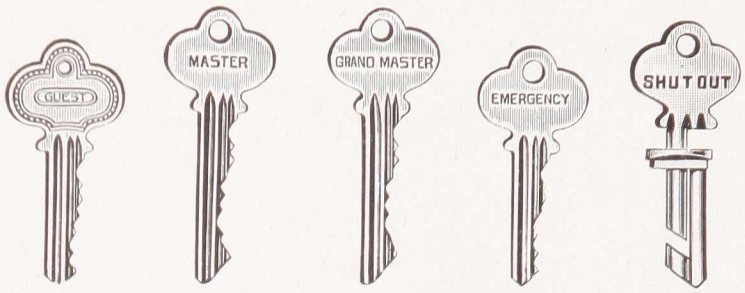
Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Not reversible. Specify hand described on Page No. 41A.
Specify thickness of door.

MORTISE HOTEL LOCKS

FOR CORRIDOR DOORS



Nos. 531 to 537



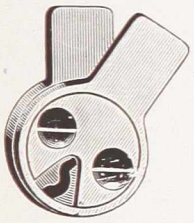
Guest or Change Key | Master Key | Grand Master Key | Emergency Key | Shut Out Plug Key

DIMENSIONS

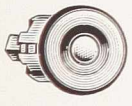
CASE Japanned iron, 5⅞x3½x¾ inches.
FRONT Flat, regular, 7¾x1⅛ inches.
Flat, narrow, 7¾x1 inch.
STRIKE Center of opening to end of lip, 1½ inches.
SPACING Outside, center cylinder hole to center knob hub, 4 1/16 inches.
Inside, center turn knob hub to center knob hub, 2¼ inches.
BACKSET 2½ inches.
HUBS Bronze, for swivel knob spindle, 5/16 inch.
Bronze, for turn knob spindle, 3/16 inch.
LATCH BOLT 7/16 inch throw.
DEAD BOLT ½ inch throw.

OPERATION

No. 531—When door is closed it is automatically locked, and lock can be operated by key only from outside and by knob from inside. Outside knob is rigid at all times.
When locked by turn knob from inside, all keys are made inoperative from the outside except the emergency key.
When thus locked, all keys except the emergency keys are free to revolve without engaging any part of the locking mechanism, thus indicating that the room is occupied.



Double Cams Used On Cylinder No. 1900



No. 1970

No. 532—Same as No. 531 with the addition of button indicator No. 1970 which shows whether room is occupied or not.

No. 535, narrow front, operation same as No. 531.

No. 537, narrow front, operation same as No. 532.

Push button indicator No. 1970 can be used in connection with above locks by specifying.

KEY ARRANGEMENT

Guest or Change Keys • Operates only the one lock constructed to be controlled by same. Bow of key stamped with room number when requested.

Master or Maid's Key • Operates any group of locks constructed to be controlled by same, except when locked from inside by turn knob. Bow or key stamped "Maid" and the floor number when requested.

Grand Master or Housekeeper's Key • Operates all locks and group of locks constructed to be controlled by same except when locked from inside by turn knob. Bow stamped "Housekeeper's" when requested.

Special Shutout Plug Key • This split key enters the cylinder plug and by withdrawing the bow brings out half of the key, the other half remains in the cylinder plug making it impossible to insert any other key. Only a few required for a large building giving an inexpensive shutout system. Special shutout plug keys furnished at additional charge. Specify quantity required.

MASTER-KEYING

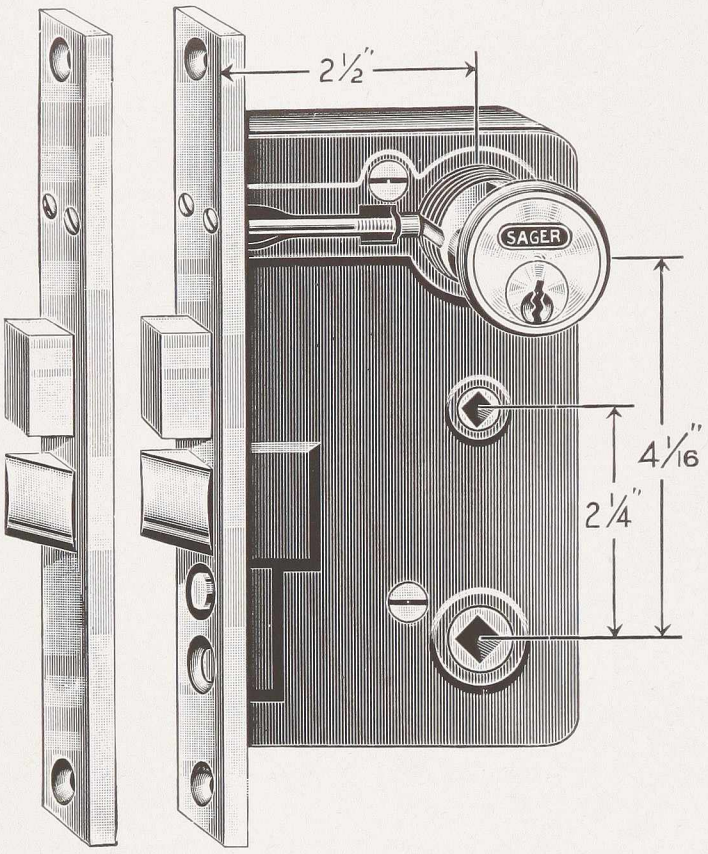
Cylinders can be master-keyed with any cylinder using Key Class 88.

NOT REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
531	Cast Bronze	One, Cast Bronze, No. 1900	Three, 1888	Unlimited
532	Cast Bronze	One, Cast Bronze, No. 1900	Three, 1888	Unlimited
535	Cast Bronze	One, Cast Bronze, No. 1900	Three, 1888	Unlimited
537	Cast Bronze	One, Cast Bronze, No. 1900	Three, 1888	Unlimited

Packed each in a box, complete with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish. Not Reversible, specify hand described on Page No. 41A. Specify thickness of door.

MORTISE APARTMENT HOUSE LOCK



Nos. 527 and 528

No. 525

FOR CORRIDOR DOORS

DIMENSIONS

CASE	Japanned iron, 5⅞x3½x¾ inches. Add 1 inch to special backset for width of case.
FRONT	Flat, Regular, 7¾x1⅛ inches.
FRONT	Flat, Narrow, 7¾x1 inches.
STRIKE	Center of opening to end of lip, 1⅜ inches.
SPACING	Outside, center of cylinder to center of knob hub, 4 1/16 inches.
SPACING	Inside, center of turn knob hub to center of knob hub, 2¼ inches.
BACKSET	2½ inches.
HUBS	Bronze, for knob spindle, 5/16 inch. Bronze, for turn knob spindle, 3/16 in.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.

OPERATION

No. 525—Latch Bolt, by knob from outside when stop in front of lock is not set. By key from outside when stop is set. By knob from inside at all times.

Dead Bolt, by tenant's or change key from outside and by turn knob from inside.

No. 527—No stop works. Latch Bolt, by knobs from both sides at all times.

Dead Bolt, by key from outside and by turn knob from inside.

No. 528—No stop works. Outside knob rigid. Latch bolt by inside knob at all times. By key from outside. Dead bolt by key from outside and by turn knob inside.

Nos. 525, 527 and 528—The tenant can shut out the janitor's or master key by throwing the dead bolt from outside with the tenant's or change key. The janitor's or master key will not operate the dead bolt.

MASTER-KEYING

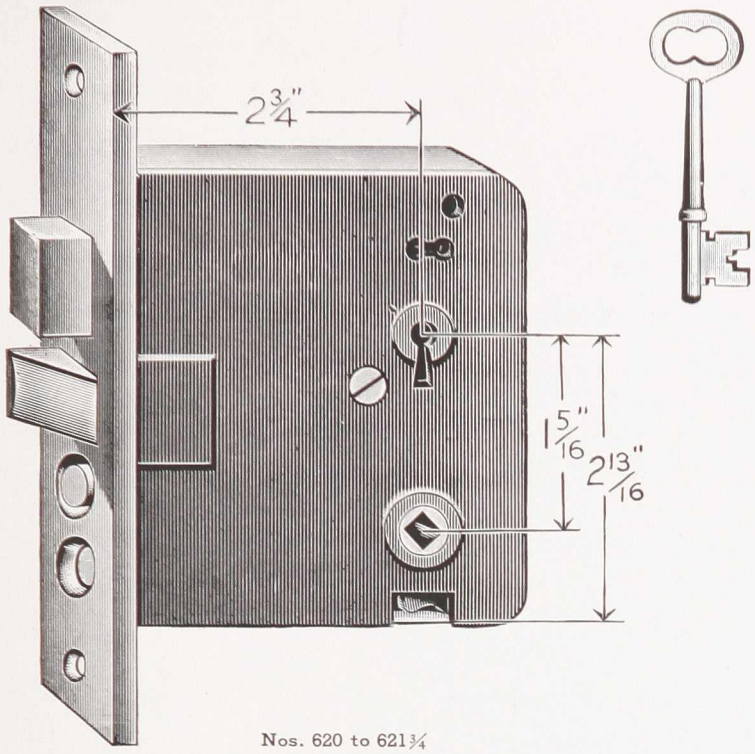
Cylinder can be master keyed with any cylinder using Key Class 88.

NOT REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
525	Cast Bronze	One , Cast Bronze, No. 1901	Three, 1888	Unlimited
527	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
528	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Not reversible. Specify hand described on Page No. 41A.
Specify thickness of door.

MORTISE ENTRANCE DOOR LOCKS



Nos. 620 to 621¾

FOR USE WITH ENTRANCE HANDLE OUTSIDE AND KNOB INSIDE

DIMENSIONS

CASE	Japanned iron, 4¼x3⅝x¾ in.
FRONT	Flat, 6½x1 1⁄16 inches.
STRIKE	Center of opening to end of lip, 1¼ inches.
SPACING	Outside, center of keyhole to bottom of lift, 2¹³⁄₁₆ inches. Inside, center of keyhole to center of knob hub, 1¹⁵⁄₁₆ inches.
BACKSET	2¾ inches.
HUB	Iron, for knob spindle No. 01937, ⅝ inch.
LATCH BOLT	⅞ inch throw.
DEAD BOLT	½ inch throw.
LIFT	Iron.

OPERATION

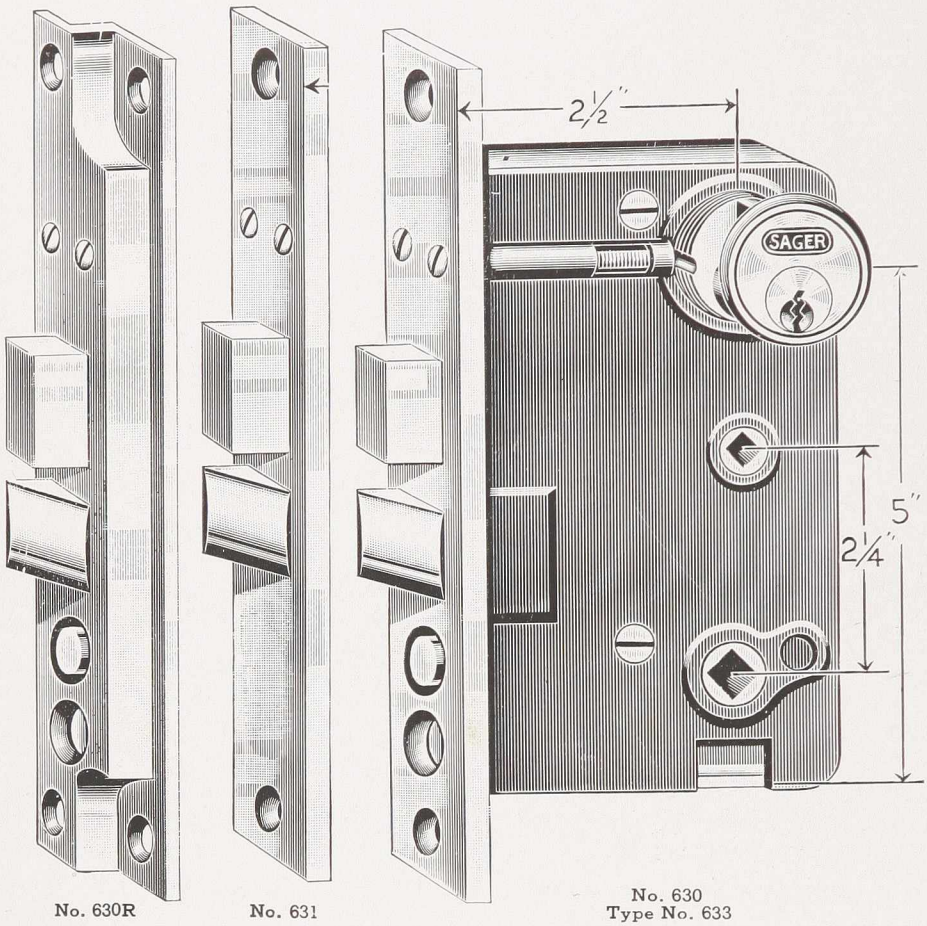
Latch Bolt, by thumb piece from outside when stop in front is not set, by key from outside when stop is set. By knob from inside at all times. Dead Bolt, by key from either side. Both bolts are operated by same key.

REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Keys	Changes
620	Cast Bronze	Cast Bronze	One, Steel	Two, 1813A	12
620¾	Cast Bronze	Cast Bronze	Three, Steel	Two, 1813A	36
621	Wrought Steel	Cast Iron	One, Steel	Two, 1813A	12
621¾	Wrought Steel	Cast Iron	Three, Steel	Two, 1813A	36

Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE ENTRANCE DOOR LOCK



No. 630R No. 631 No. 630 Type No. 633

FOR USE WITH ENTRANCE HANDLE OUTSIDE AND KNOB INSIDE

DIMENSIONS

CASE	Japanned iron, 5⅞x3½x¾ inches. Add 1 inch to special backsets for width of case.
FRONT	Flat, regular, 7¾x1⅛ inches. Flat, narrow, 7¾x1 inches. Rabbeted, 8½x1 5/16 inches.
STRIKE SPACING	Center of opening to end of lip, 1⅜ in. Outside, center of cylinder to bottom of lift, 5 inches. Inside, center of turn knob hub to center of knob hub, 2¼ inches.
BACKSET	Flat, regular, 2½ inches. Flat, special, 2 and 2¾ inches. Rabbeted, regular, 2½x2 inches. Rabbeted, special, 2¾x2¼ inches.
HUBS	Bronze, for knob spindle, No. 01937, 5/16 in. Bronze, for turn knob spindle, 3/16 inch.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.
LIFT	Bronze.

OPERATION

No. 630 Latch Bolt, by thumb piece from outside when stop in front is not set. By key from outside when stop is set. By knob from inside at all times.

Dead Bolt, by key from outside and by turn knob from inside.

No. 631—No stop works. Latch Bolt by thumb piece outside and knob inside at all times. Dead Bolt, by key from outside and turn knob inside.

No. 633, Narrow Front, operation same as **No. 630.**

No. 630R—Same as **No. 630** except has rabbeted front.

MASTER KEYING

Cylinders can be master keyed with any cylinders using key class 88.

REVERSIBLE—Type "N" Construction, Page No. 51A

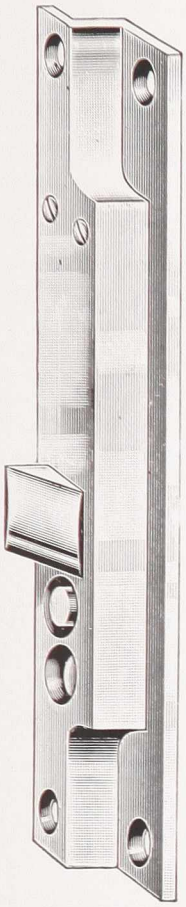
Number	Front and Bolts	Cylinder	Keys	Changes
630	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
631	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
633	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
*630R	Cast Bronze, ½ in. Rabbet	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws. Specify number and finish. Refer to Page No. 32A for description of finish.

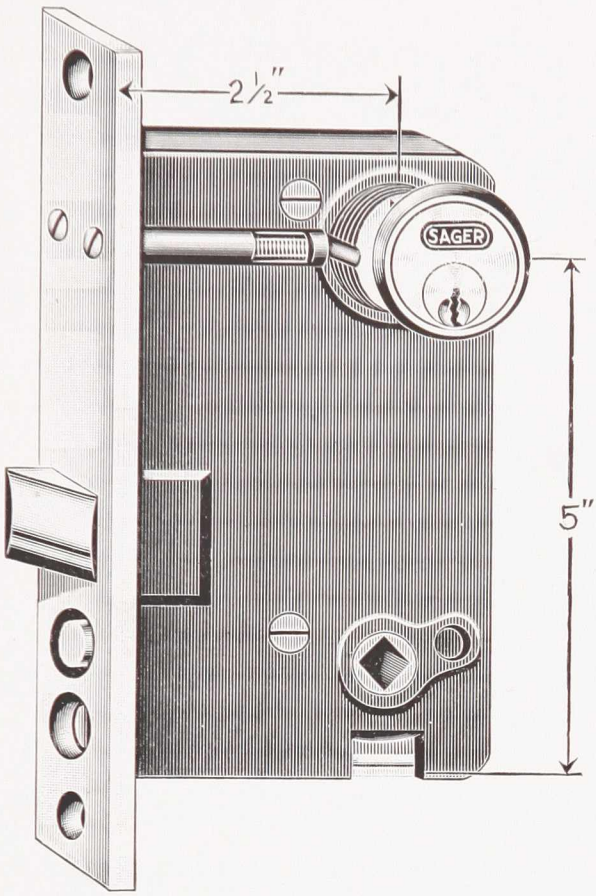
*Not reversible, specify hand described on Page No. 41A. Specify thickness of door.

MORTISE VESTIBULE LATCH

FOR USE WITH ENTRANCE HANDLE OUTSIDE AND KNOB INSIDE



No. 630VR



No. 630V
Type No. 633V

DIMENSIONS

CASE	Japanned iron, 5⅞x3½x¾ in. Add 1 inch to special backsets for width of case.
FRONT	Flat, regular, 7¾x1⅛ inches. Flat, narrow, 7¾x1 inches. Rabbeted, 8½x1 5/16 inches.
STRIKE	Center of opening to end of lip, 1⅜ inches.
SPACING	Center of cylinder to bottom of lift, 5 inches.
BACKSET	Flat, regular, 2½ inches. Flat, special, 2 and 2¾ inches. Rabbeted, regular, 2½x2 inches. Rabbeted, special, 2¾x2¼ in.
HUB	Bronze, for knob spindle, No. 01937, 5/16 inch.
LIFT	Bronze.
LATCH BOLT	7/16 inch throw.

OPERATION

No. 630V—Latch Bolt, by thumb piece from outside when stop in front is not set. By key from outside when stop is set. By knob from inside at all times.

No. 633V—Narrow Front. Operation same as No. 630V.

OPERATION

No. 630VR—Rabbeted Front. Operation same as No. 630V.

MASTER KEYING

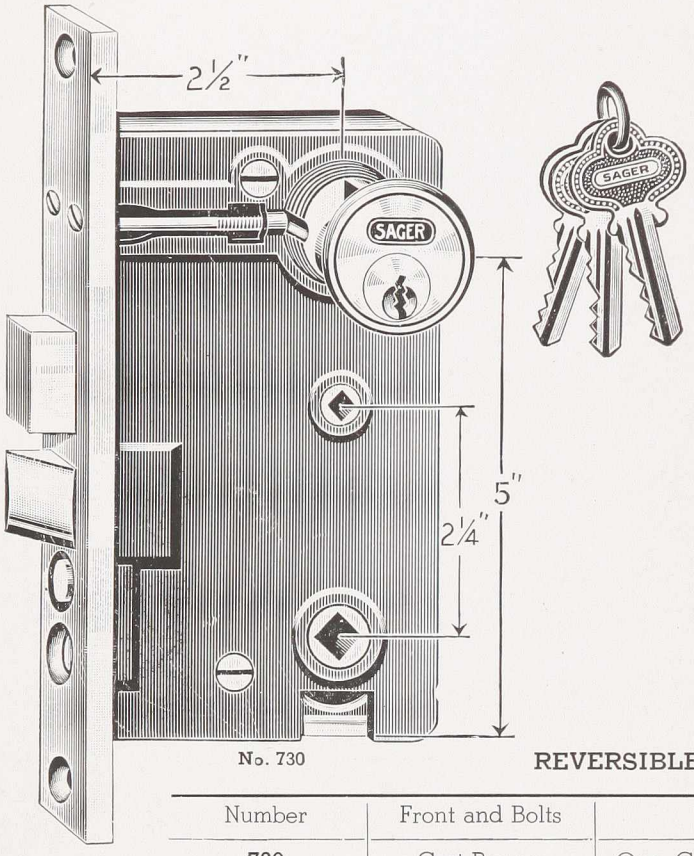
Cylinders can be master keyed with any cylinder using Key Class 88.

REVERSIBLE—Type "N" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
630V	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
633V	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
***630VR**	Cast Bronze, ½ in. Rabbet	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
*Not Reversible. Specify hand described on Page No. 41A.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.

MORTISE ENTRANCE DOOR LOCK



No. 730

FOR USE WITH ENTRANCE HANDLE OUTSIDE AND KNOB INSIDE FOR THIN STILE DOORS

DIMENSIONS

CASE	Japanned iron, 5⅞x3½x⅝ inches.
FRONT	Flat, 7¾x⅞ inches.
STRIKE	Center of opening to end of lip, 1¼ in.
SPACING	Outside, center of cylinder to bottom of lift, 5 inches. Inside, center of turn knob hub to center of knob hub, 2¼ inches.
BACKSET	2½ inches.
HUBS	Bronze, for knob spindle No. 01937, 5/16 in. Bronze, for turn knob spindle, 3/16 inches.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.
LIFT	Bronze.

OPERATION

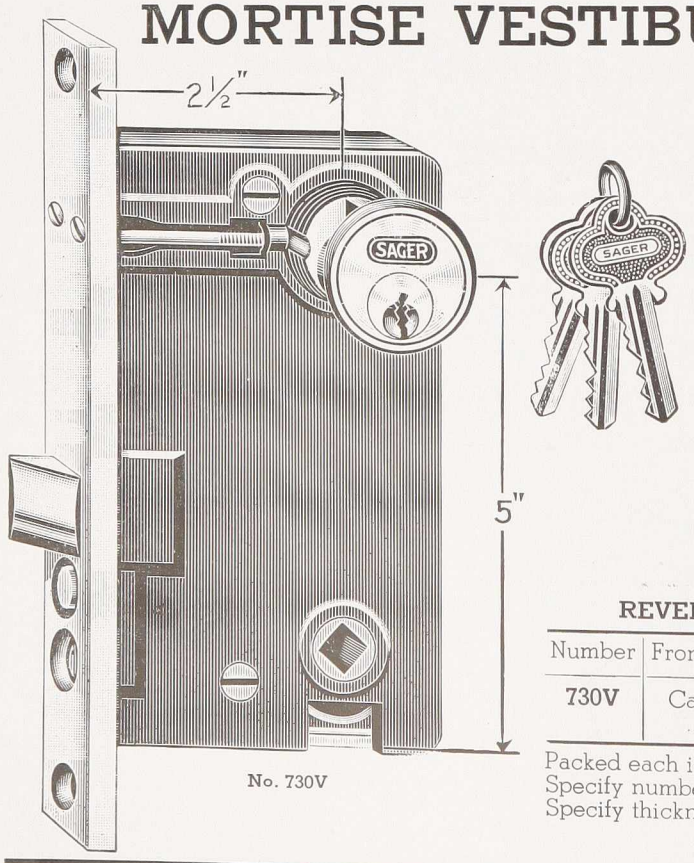
Latch Bolt, by thumb piece from outside when stop in front is not set, by key from outside when stop is set, by knob from inside at all times.
Dead Bolt, by key from outside and by turn knob inside.

REVERSIBLE—Type "N" Construction, Page No. 51A

Number	Front and Bolts	Cylinder	Keys	Changes
730	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Specify number and finish. Refer to Page No. 32A for description of finish. Specify thickness of door.

MORTISE VESTIBULE LATCH



No. 730V

FOR USE WITH ENTRANCE HANDLE OUTSIDE AND KNOB INSIDE FOR THIN STILE DOORS

DIMENSIONS

CASE	Japanned iron, 5⅞x3½x⅝ inches.
FRONT	Flat, 7¾x⅞ inches.
STRIKE	Center of opening to end of lip, 1¼ in.
SPACING	Center of cylinder to bottom of lift, 5 in.
BACKSET	2½ inches.
HUB	Bronze, for knob spindle No. 01937, 5/16 in.
LATCH BOLT	7/16 inch throw.
LIFT	Bronze.

OPERATION

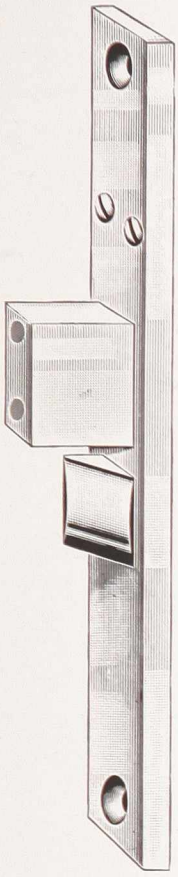
Latch Bolt, by thumb piece from outside when stop in front is not set, by key from outside when stop is set, by knob from inside at all times.

REVERSIBLE—Type "N" Construction, Page No. 51A

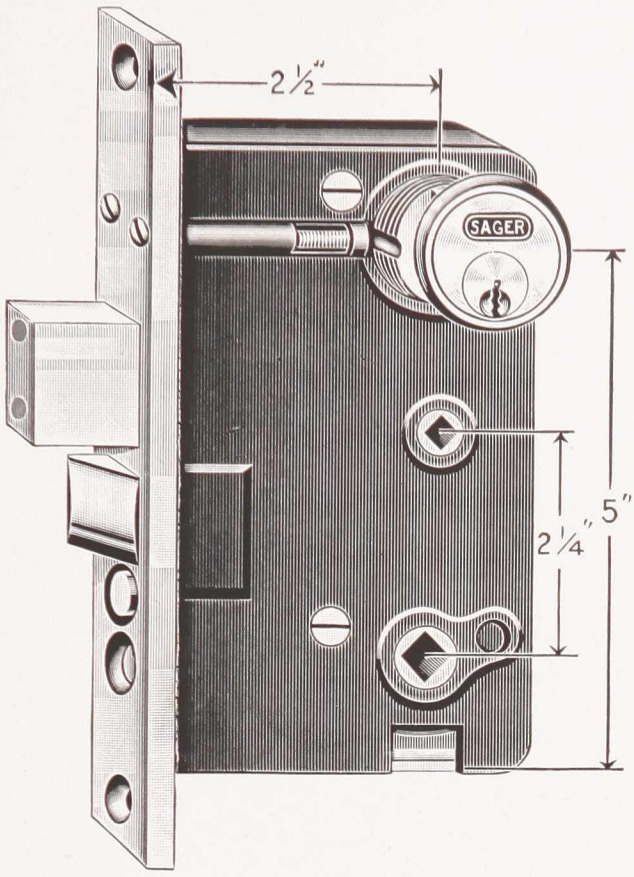
Number	Front and Bolts	Cylinder	Keys	Changes
730V	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Specify number and finish. Refer to Page No. 32A for description of finish. Specify thickness of door.

MORTISE ENTRANCE DOOR LOCKS



No. 637



Nos. 636 and 639

FOR USE WITH ENTRANCE HANDLE OUTSIDE AND KNOB INSIDE

DIMENSIONS

CASE	Japanned iron, 5⅞x3½x ¾ inches.
FRONT	Flat, regular, 7¾x1⅛ in. Flat, narrow, 7¾x1 in.
STRIKE	Wrought box, center of opening to end of lip, 1⅜ inches.
SPACING	Outside, center of cylinder to bottom of lift, 5 inches. Inside, center turn knob hub to center of knob hub, 2¼ inches.
BACKSET	2½ inches.
HUBS	Bronze, for knob spindle, No. 01937, 5/16 inch. Bronze, turn knob spindle, 3/16 inch.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	1 **inch throw,** extra heavy, with two case hardened pins in center to prevent cutting of bolt when in locked position.
LIFT	Bronze.

OPERATION

No. 636—Latch Bolt, by thumb piece from outside when stop in front of lock is not set, by key from outside when stop is set, by knob from inside at all times.

Dead Bolt, by key from outside and by turn knob from inside.

No. 637—No stop works. Outside lift, by thumb piece and inside by knob at all times.

Dead Bolt, by key from outside and turn knob inside.

No. 639—Narrow Front, operation same as No. 636.

MASTER-KEYING

Cylinders can be master keyed with any cylinders using Key Class 88.

REVERSIBLE—Type "M" Construction, Page No. 51A

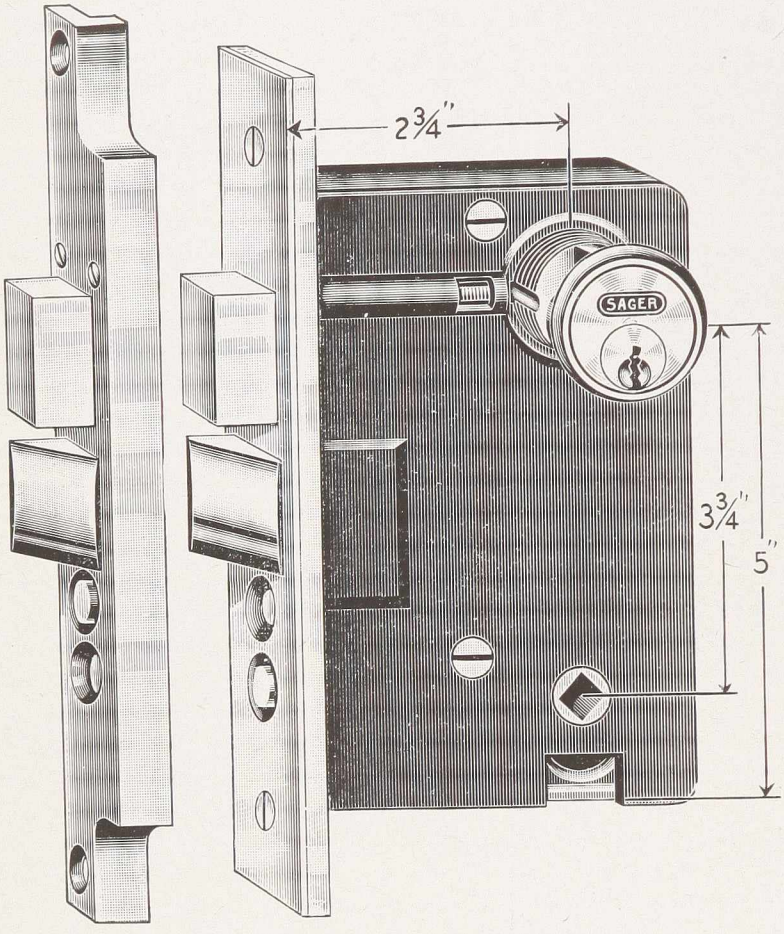
Number	Bolts	Cylinders	Keys	Changes
636	Cast Bronze	One, Cast Bronze, No. 1904	Three, 1888	Unlimited
637	Cast Bronze	One, Cast Bronze, No. 1904	Three, 1888	Unlimited
639	Cast Bronze	One, Cast Bronze, No. 1904	Three, 1888	Unlimited

Packed each in a box, complete with screws.

Specify Number and Finish. Refer to Page No. 32A for description of finish.

Specify thickness of door.

HEAVY DUTY STANDARDIZED MORTISE ENTRANCE DOOR LOCK



No. 595R

Nos. 595 and 9595

FOR USE WITH ENTRANCE HANDLE OUTSIDE AND KNOB INSIDE

DIMENSIONS

CASE	Japanned iron, 6x3⅞x 13/16 inches.
FRONT	Flat, **armored,** regular, 8x1¼ inches. Rabbeted, 8⅞x1⅜ in. Special, beveled ⅛ inch on 2 inches.
STRIKE	Cast Bronze, regular, for wood doors, center of opening to end of lip, 1½ inches. Cast Bronze, special, No. 9 for metal jambs, center of opening to end of lip, 1⅜ inches. Refer to Page No. 56A for description.
SPACING	Outside, center of cylinder to bottom of lift, 5 inches. Inside, center of turn knob disc, to center of knob hub, 3¾ inches.
BACKSET	Flat, 2¾ inches. Rabbeted, 2¾x2¼ in.
HUB	Bronze, for knob spindle, No. 01937, 5/16 inch. Disc. No. 1910 for turn knob, flat.
LIFT	Bronze.
LATCH BOLT	9/16 inch throw.
DEAD BOLT	⅝ inch throw.

OPERATION

No. 595 and 595R—Latch Bolt, by thumb piece from outside when stop in front of lock is not set, by key from outside when stop is set. By knob from inside at all times.
Dead Bolt, by key from outside and by turn knob inside.

No. 9595—Same as No. 595 except made to template and packed with No. 9 strike and machine screws for metal door and jamb.

MASTER-KEYING

Cylinders can be master keyed with any cylinders using key class 88.

We manufacture a complete series of heavy duty standardized locks for wood doors and metal doors which fit same mortise dimensions.

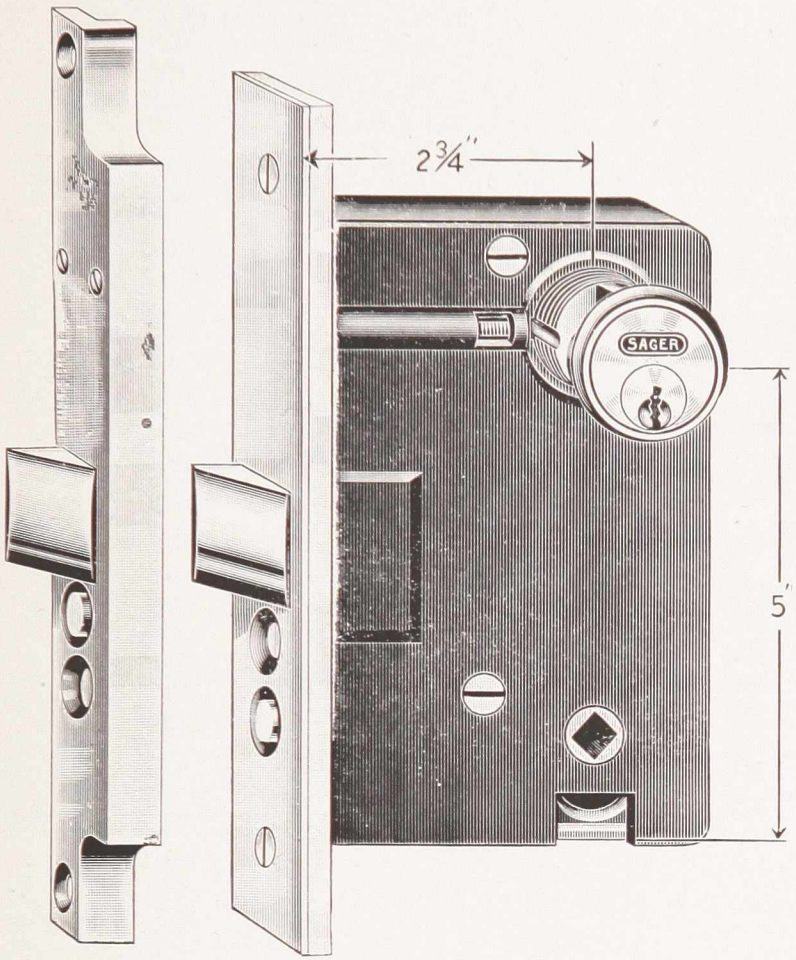
REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front and Bolts	Cylinder	Keys	Changes
595	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
*595R	Cast Bronze, Rabbeted	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
9595	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Beveled front locks not reversible. Specify hand described on Page No. 41A.
*Not reversible. Specify hand described on Page No. 41A.
Specify number and finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.

HEAVY DUTY STANDARDIZED MORTISE VESTIBULE DOOR LATCH

FOR USE WITH ENTRANCE HANDLE OUTSIDE AND KNOB INSIDE



No. 595VR

Nos. 595V and 9595V

DIMENSIONS

CASE Japanned iron, 6x3 7/8x13/16 inches.

FRONT Flat, **armored**, regular, 8x1 1/4 in.
Rabbeted, 8 7/8x1 3/8 inches.
Special, beveled, 1/8 in. on 2 in.

STRIKE Cast Bronze, Regular, for wood doors, center of opening to end of lip, 1 1/2 inches.

Cast Bronze, Special, No. 9 for metal doors, center of opening to end of lip, 1 3/8 inches. Refer to Page No. 56A for description.

SPACING Center of cylinder to bottom of lift, 5 inches.

BACKSET Flat, 2 3/4 inches.
Rabbeted, 2 3/4x2 1/4 inches.

HUB Bronze for knob spindle, No. 01937, 5/16 inch.

LIFT Bronze.

LATCH BOLT 9/16 inch throw.

OPERATION

Nos. 595V and 595VR—Latch Bolt, by thumb piece from outside when stop in front of lock is not set. By key from outside when stop is set. By knob from inside at all times.

No. 9595V—Same as No. 595V except made to template and packed with No. 9 strike and machine screws for metal door and jamb.

MASTER-KEYING

Cylinders can be master keyed with any cylinder using Key Class 88.

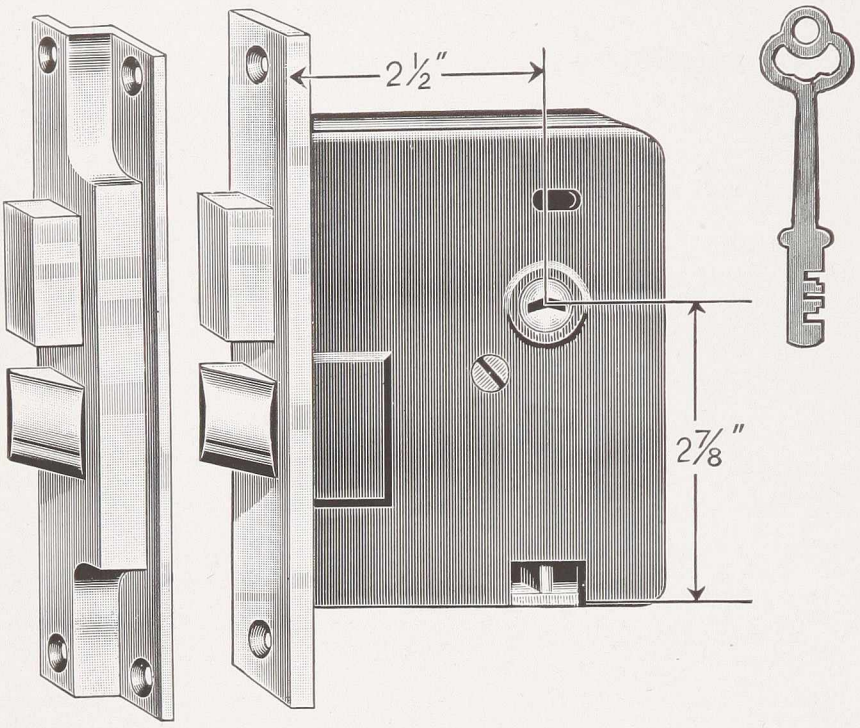
We manufacture a complete series of Heavy Duty Standardized Locks for wood doors and metal doors which fit same mortise dimensions.

REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
595V	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
9595V	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
***595VR**	Cast Bronze, Rabbeted	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Beveled front locks not reversible. Specify hand described on Page No. 41A.
*Not Reversible. Specify hand described on Page No. 41A.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.

MORTISE ENTRANCE DOOR LOCKS



Nos. 582R and 583R

Nos. 582 and 583

FOR USE ON STORE DOORS WITH ENTRANCE HANDLES BOTH SIDES

DIMENSIONS

CASE	Japanned iron, 4½x 3⅝x¾ inches.
FRONT	Flat, 6½x1⅛ inches. Rabbeted, 7¾x1 5/16 in.
STRIKE	Center of opening to end of lip, 1⅜ in.
SPACING	Center keyway to bottom of lift, 2⅞ inches.
BACKSET	Flat, 2½ inches. Rabbeted, 2½x2 in.
LIFT	Iron.
LATCH BOLT	½ inch throw.
DEAD BOLT	½ inch throw.

OPERATION

Latch Bolt, by thumb piece from both sides.
Dead Bolt, by key from either side.

MASTER-KEYING

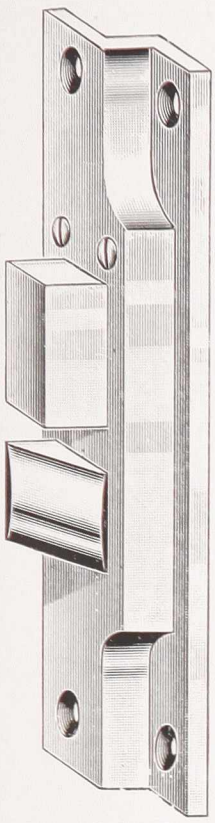
Cannot be master-keyed.

REVERSIBLE—Type "N" Construction, Page No. 51A

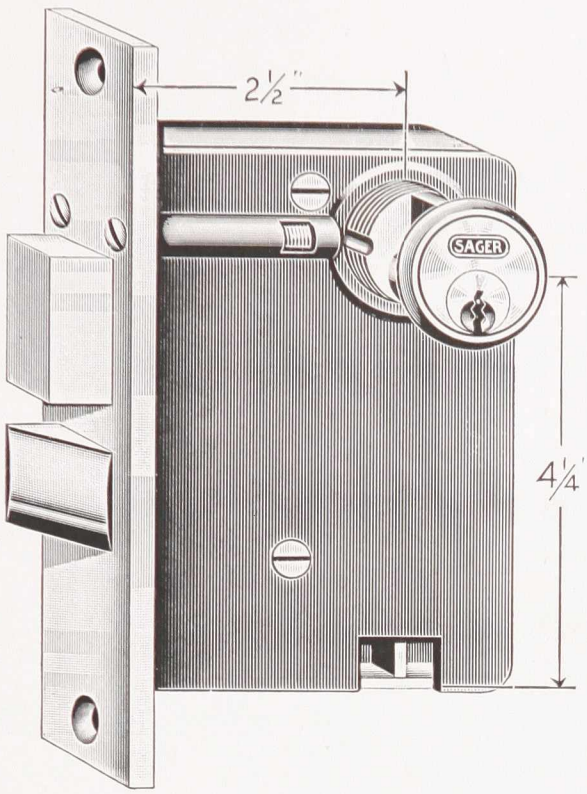
Number	Front	Bolts	Tumblers	Change Keys	Changes
582	Cast Bronze, Flat	Cast Bronze	Three, Steel	Two, No. 1810JJA	48
583	Cast Iron, Flat	Cast Bronze	Three, Steel	Two, No. 1810JJA	48
*582R	Cast Bronze, Rabbeted	Cast Bronze	Three, Steel	Two, No. 1810JJA	48
*583R	Cast Iron, Rabbeted	Cast Bronze	Three, Steel	Two, No. 1810JJA	48

Packed each in a box, complete with screws.
*Not Reversible. Specify hand described on Page No. 41A.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE ENTRANCE DOOR LOCKS



No. 584R



No. 584

FOR USE ON STORE DOORS WITH ENTRANCE HANDLES BOTH SIDES

DIMENSIONS

CASE	Japanned iron, 5x3½x⅛ inches. Add 1 inch to special backsets for width of case.
FRONT	Flat, 7x1¼ inches. Rabbeted, 7¾x1 5/16 in.
STRIKE	Center of opening to end of lip, 1⅝ inches.
SPACING	Center of cylinder to bottom of lift, 4¼ in.
BACKSET	Flat, regular, 2½ inches. Flat, special, 2¾, 3, 3¼, 3½, 3¾ and 4 inches. Rabbeted, 2½x2 inches.
LIFT	Iron.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.

OPERATION

Latch Bolt, by thumb piece, both sides.
Dead bolt, by key from either side.

MASTER KEYING

Cylinder can be master keyed with any cylinder using Class 88.

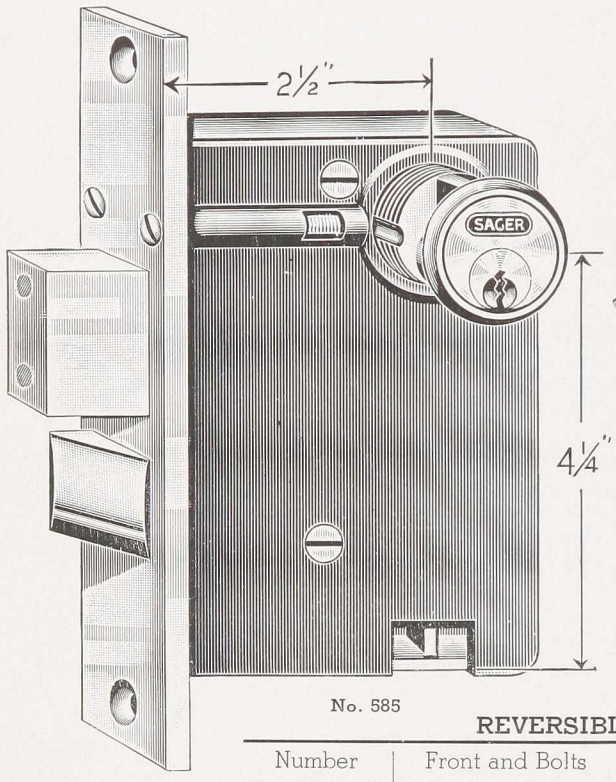
REVERSIBLE—Type "N" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Change Keys	Changes
584	Cast Bronze	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited
*584R	Cast Bronze, Rabbeted	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
*Not Reversible. Specify hand described on Page No. 41A.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.

MORTISE ENTRANCE DOOR LOCKS

FOR USE ON STORE DOORS WITH ENTRANCE HANDLES BOTH SIDES



No. 585

DIMENSIONS

CASE	Japanned iron, 5⅞x3½x¾ in.
FRONT	Flat, 7x1¼ inches.
STRIKE	Wrought box, center of opening to end of lip, 1⅝ inches.
SPACING	Center of cylinder to bottom of lift, 4¼ inches.
BACKSET	2½ inches.
LIFT	Iron.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	Extra heavy with two case hardened pins in center to prevent cutting when in locked position.
DEAD BOLT	Has **1 inch** throw.

OPERATION

Latch Bolt, by thumb piece from both sides.
Dead Bolt, by key from either side.

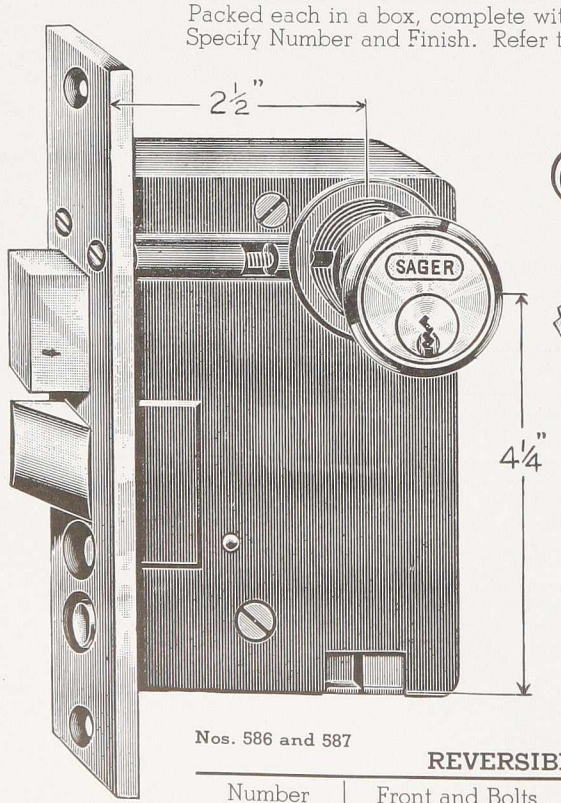
MASTER KEYING

Cylinders can be master keyed with any cylinders using Key Class 88.

REVERSIBLE—Type "N" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
585	Cast Bronze	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish. Specify thickness of door.



Nos. 586 and 587

DIMENSIONS

CASE	Japanned iron, 5x3½x⅞ inches.
FRONT	Flat, 7x1¼ inches.
STRIKE	Center of opening to end of lip, 1⅝ inches.
SPACING	Center of cylinder to bottom of lift, 4¼ inches. Inside of No. 587, center of turn knob to bottom of lift, 4 inches.
LIFT	Bronze.
BACKSET	2½ inches. Disc No. 1910 for turn knob.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.

OPERATION

No. 586—Latch Bolt, by thumb piece from the outside when stop in front of lock is not set. By key from outside when stop is set. Thumb piece, from inside at all times.
Dead Bolt, by key from either side.
No. 587—Same operation as 586 except turn knob from inside instead of key.

MASTER KEYING

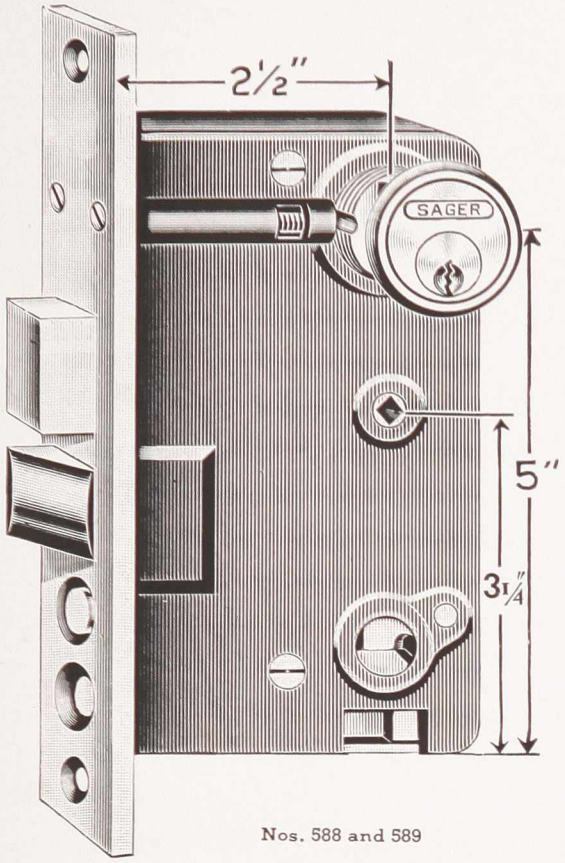
Cylinders can be master keyed with any cylinders using Key Class 88.

REVERSIBLE—Type "N" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
586	Cast Bronze	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited
587	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish. Specify thickness of door.

MORTISE ENTRANCE DOOR LOCKS



Nos. 588 and 589

FOR USE ON STORE DOORS WITH ENTRANCE HANDLE BOTH SIDES.

DIMENSIONS

CASE	Japanned iron, 5⅞x3½x¾ in.
FRONT	Flat, 7¾x1⅛ inches.
STRIKE	Center of opening to end of lip, 1⅜ inches.
SPACING	Center of cylinder to bottom of lift, 5 inches. Inside of No. 589, center of turn knob to bottom of lift, 3¼ in.
LIFT	Bronze.
BACKSET	2½ inches.
LATCH BOLT	7/16 inch throw.
DEAD BOLT	½ inch throw.

OPERATION

No. 588—Latch Bolt, by thumb piece from the outside when stop in front of lock is not set. By key from outside when stop is set. Thumb piece, from inside at all times.
Dead Bolt, by key from either side.

No. 589—Same operation as 588 except by turn knob from inside.

MASTER KEYING

Cylinders can be master keyed with any cylinders using Key Class 88.

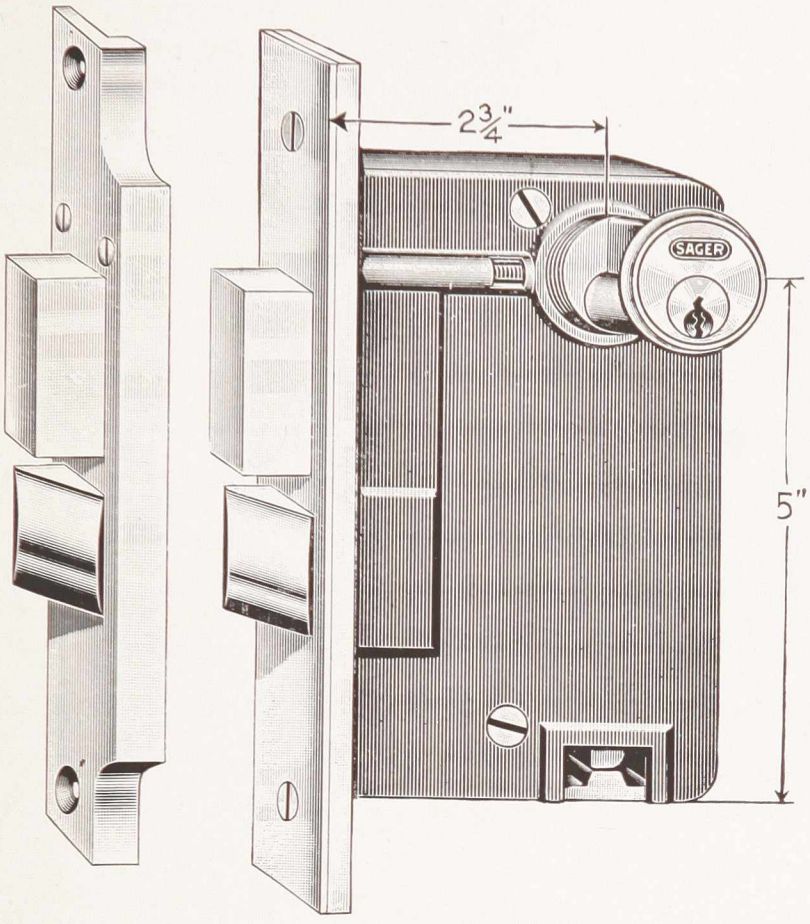
REVERSIBLE—Type "N" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
588	Cast Bronze	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited
589	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish. Specify thickness of door.

HEAVY DUTY STANDARDIZED MORTISE ENTRANCE DOOR LOCKS

FOR USE ON STORE DOORS WITH ENTRANCE HANDLE BOTH SIDES



Nos. 590R and 591R

Nos. 590, 591, 9590 and 9591

DIMENSIONS

CASE	Japanned iron, 6x3 7/8x 13/16 inches.
FRONT	Flat, **armored**, regular, 8x1 1/4 in.
	Rabbeted, 8 7/8x1 3/8 in.
	Special, beveled, 1/8 in. on 2 inches.
STRIKE	Cast bronze, regular, for wood doors, center of opening to end of lip, 1 1/4 inches.
	Cast bronze, special, No. 9 for metal doors, center of opening to end of lip, 1 3/8 inches. Refer to Page No. 56A for description.
SPACING	Center of cylinder to bottom of lift, 5 inches.
BACKSET	Flat, 2 3/4 inches.
	Rabbeted, 2 3/4x2 1/4 in.
LIFT	Iron.
LATCH BOLT	9/16 inch throw.
DEAD BOLT	5/8 inch throw. 2 3/8x5/8 inches.

OPERATION

No. 590 and 590R—Latch Bolt, by thumb pieces from both sides.

Dead Bolt, by key from either side.

No. 9590—Same as No. 590 except made to template and packed with No. 9 strike and machine screws for metal door and jamb.

Nos. 591 and 591R—Same as No. 590 except **Latch Bolt has hold back feature.**

No. 9591—Same as No. 9590 except **Latch Bolt has hold back feature.**

MASTER-KEYING

Cylinders can be master keyed with any cylinders using key class 88.

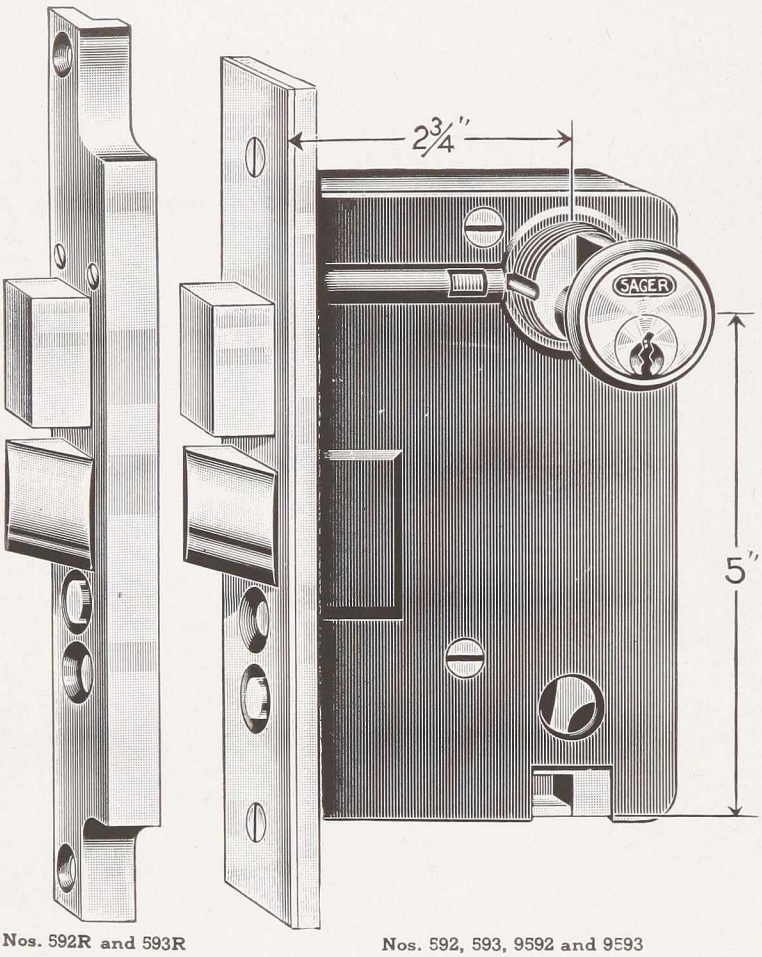
We manufacture a complete series of heavy duty standardized locks for wood doors and metal doors, which fit same mortise dimensions.

REVERSIBLE—Type "N" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
590	Cast Bronze, Flat	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited
*590R	Cast Bronze, Rabbeted	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited
9590	Cast Bronze, Flat	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited
591	Cast Bronze, Flat	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited
*591R	Cast Bronze, Rabbeted	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited
9591	Cast Bronze, Flat	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Beveled front locks, Not Reversible. Specify hand described on Page No. 41A.
*Not Reversible. Specify hand described on Page No. 41A.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.

HEAVY DUTY STANDARDIZED MORTISE ENTRANCE DOOR LOCK



Nos. 592R and 593R

Nos. 592, 593, 9592 and 9593

FOR USE ON STORE DOORS WITH ENTRANCE HANDLES BOTH SIDES

DIMENSIONS

CASE	Japanned iron, 6x3⅞x 13/16 inches.
FRONT	Flat, **armored**, regular, 8x1¼ in. Rabbeted, 8⅞x1⅜ in. Special, beveled, ⅛ inch on 2 inch.
STRIKE	Cast Bronze, regular for wood doors, center of opening to end of lip, 1½ inches. Cast Bronze, special, No. 9 for metal doors, center of opening to end of lip, 1⅜ inches. Refer to Page No. 56A for description.
SPACING	No. 592-9592, center of cylinders to bottom of lift, 5 inches. No. 593-9593, outside, center cylinder to bottom of lift, 5 inches. Inside, center of turn knob No. 1910 to bottom of lift, 4¾ inches.
BACKSET	Flat, 2¾ inches. Rabbeted, 2¾x2¼ in.
LIFT	Bronze.
LATCH BOLT	9/16 inch throw.
DEAD BOLT	⅝ inch throw.

OPERATION

No. 592 and 592R—Latch Bolt, by thumb piece from outside when stop in front is not set, by key from outside when stop is set, by thumb piece from inside at all times.

Dead Bolt, by key from either side.

No. 9592—Same as **No. 592** except made to template and packed with No. 9 strike and machine screws for metal door and jamb.

Nos. 593 and 593R—Same as No. 592, except dead bolt is operated by cylinder outside, and turn knob inside.

No. 9593—Same as **9590**, except Dead Bolt is operated by cylinder outside and turn knob inside.

MASTER-KEYING

Cylinders can be master keyed with any cylinders using Key Class 88.

We manufacture complete series of heavy duty standardized locks for wood doors and metal doors which fit same mortise dimensions.

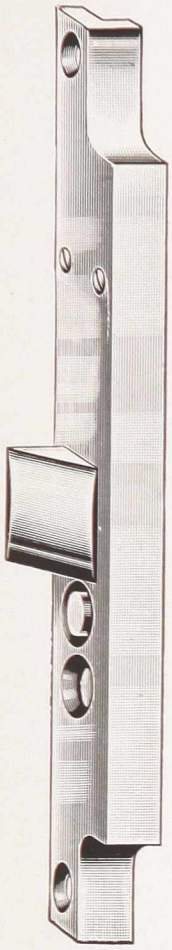
REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
592	Cast Bronze, Flat	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited
*592R	Cast Bronze, Rabbeted	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited
9592	Cast Bronze, Flat	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited
593	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
*593R	Cast Bronze, Rabbeted	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
9593	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

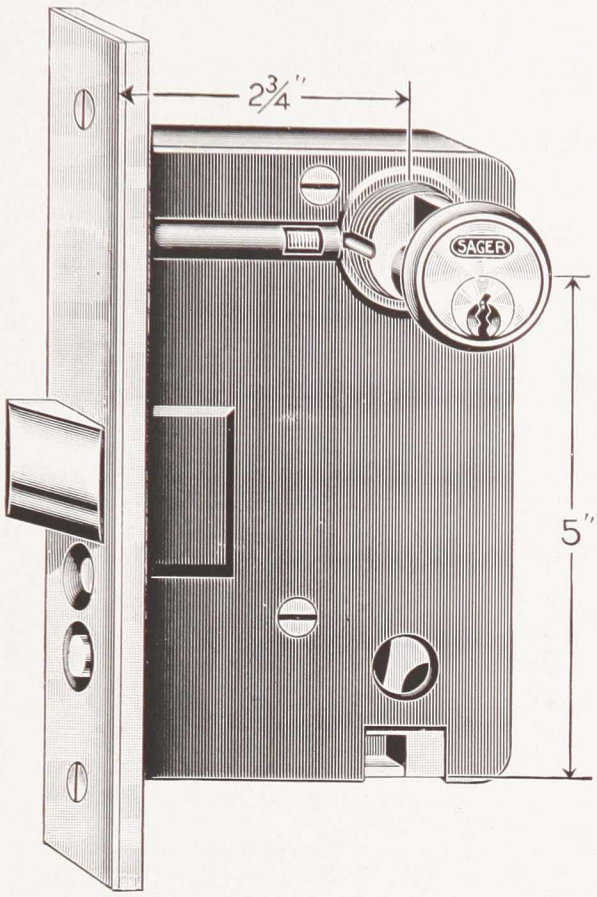
Packed each in a box, complete with screws.
Beveled front locks not reversible. Specify hand described on Page No. 41A.
*Not reversible. Specify hand described on Page No. 41A.
Specify number and finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.

HEAVY DUTY STANDARDIZED MORTISE ENTRANCE DOOR LATCH

FOR USE ON STORE DOORS WITH ENTRANCE HANDLE BOTH SIDES



No. 592VR



Nos. 592V and 9592V

DIMENSIONS

CASE	Japanned iron, 6x3 7/8x13/16 inches.
FRONT	Flat, **armored** regular, 8x1 1/4 inches. Rabbeted, 8 7/8x1 3/8 inches. Special, beveled, 1/8 inch on 2 inches.
STRIKE	Cast bronze, regular, for wood doors, center of opening to end of lip, 1 1/2 inches. Cast bronze, special, No. 9 for metal doors, center of opening to end of lip, 1 3/8 inches. Refer to Page No. 56A for description.
SPACING	Center of cylinder to bottom of lift, 5 inches.
BACKSET	Flat, 2 3/4 inches. Rabbeted, 2 3/4x2 1/4 inches.
LIFT	Bronze.
LATCH BOLT	9/16 inch throw.

OPERATION

Nos. 592V and 592VR—Latch Bolt, by thumb piece from outside when stop in front of lock is not set. By key from outside when stop is set. By thumb piece inside at all times.

No. 9592V—Same as 592V except made to template and packed with No. 9 strike and machine screws for metal door and jamb.

MASTER-KEYING

Cylinders can be master keyed with any cylinders using Key Class 88.

We manufacture a complete series of heavy duty standardized locks for wood doors and metal doors which fit same mortise dimensions.

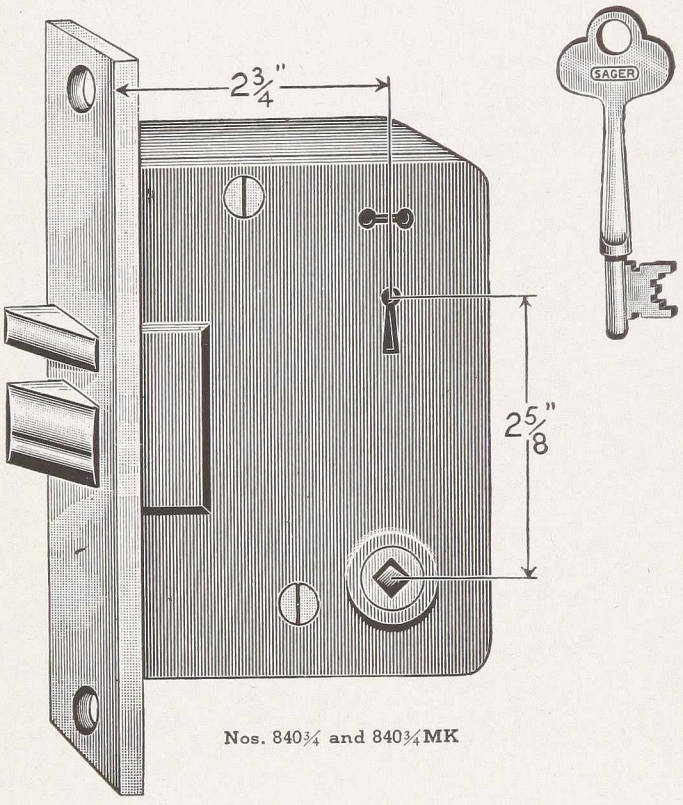
REVERSIBLE—Type "N" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
592V	Cast Bronze, Rabbeted	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
9592V	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
***592VR**	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Beveled front locks, Not Reversible. Specify hand described on Page No. 41A.
Specify Number and Finish. Refer to Page No. 32A for description of finish. *Not reversible. Specify hand.
Specify thickness of door.

MORTISE EMERGENCY LOCKS

FOR USE ON CORRIDOR DOORS, IN SCHOOLS, PUBLIC BUILDINGS, ETC., CANNOT BE LOCKED FROM INSIDE



Nos. 840¾ and 840¾MK

DIMENSIONS

CASE	Japanned iron, 5x3⅝x¾ inches.
FRONT	Flat, 7x1⅛ inches.
STRIKE	Center of opening to end of lip, 1½ inches.
SPACING	Center of keyhole to center knob hub, 2⅝ inches.
BACKSET	2¾ inches.
HUB	Bronze, for knob spindle, 5/16 inches.
LATCH BOLT	7/16 inch throw.
AUXILIARY BOLT	7/16 inch throw.

OPERATION

Latch Bolt, by knob from outside when the interior stop is not set by key, by key from outside when stop is set, by knob from inside at all times. When locked with key, outside knob is rigid and the auxiliary bolt dead locks the latch bolt making it proof against end pressure.

MASTER-KEYING

No. 840¾MK is master keyed in 8 groups of 80 each, 640 all different, with each group subject to a master key and all subject to a grand master key.

Can be master-keyed with any lock using same class master key.

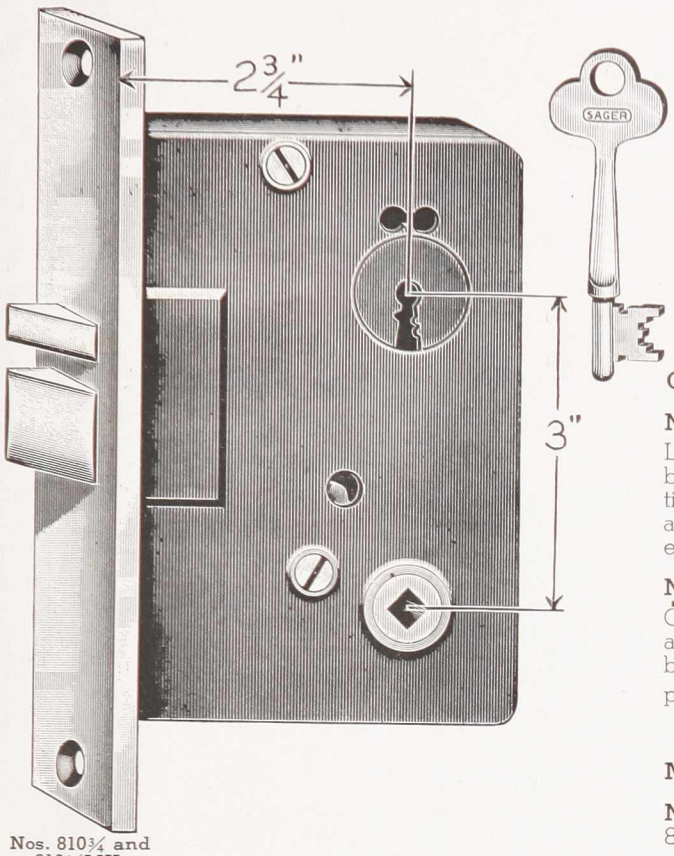
REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Change Key	Changes	Master Key
840¾	Cast Bronze	Cast Bronze	Three, Steel	One, 1817F	80	None
840¾MK	Cast Bronze	Cast Bronze	Three, Steel	One, 1817F	640	1817FM

Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE EMERGENCY LOCKS

FOR USE ON CORRIDOR DOORS, IN SCHOOLS, PUBLIC BUILDINGS, ETC.
CANNOT BE LOCKED FROM INSIDE



Nos. 810¾ and 810¾MK
Type Nos. 811¾ and 811¾MK

DIMENSIONS

CASE	Japanned iron, 5½x3⅞x¾ in.
FRONT	Flat, 7½x1⅛ inches.
STRIKE	Center of opening to end of lip, 1½ inches.
SPACING	Center of keyhole to center of knob hub, 3 inches.
BACKSET	2¾ inches.
HUB	Bronze, for knob spindle, 5/16 inches
LATCH BOLT	7/16 inch throw.
AUXILIARY LATCH	½ inch throw.

OPERATION

Nos. 810¾ and 810¾MK

Latch Bolt, by knob from outside when the interior stop is not set, by key from outside when stop is set, by knob from inside at all times. When locked, outside knob is rigid and the auxiliary bolt automatically dead locks the latch bolt making it proof against end pressure.

Nos. 811¾ and 811¾MK with hold back feature.

Outside knob rigid. By key from outside. By knob from inside at all times. Both bolts held in retracted position when unlocked by key. Inside knob has no function when bolts are in retracted position.

MASTER KEYING

Nos. 810¾MK and 811¾MK are master keyed in 8 groups of 80 each, the 640 all different, with groups subject to a master key and all subject to a grand master key.

Can be master keyed with any lock using same class master key.

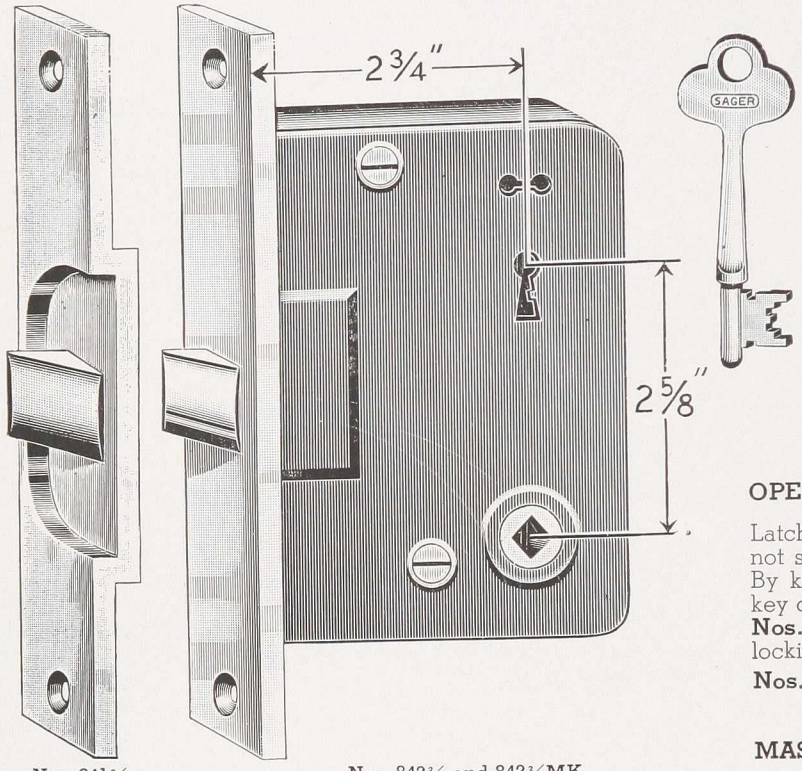
REVERSIBLE—Type "O" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Change Keys	Changes	Master Key
810¾	Cast Bronze	Cast Bronze	Three, Steel	One, 1817F	80	None
810¾MK	Cast Bronze	Cast Bronze	Three, Steel	One, 1817F	640	1817FM
811¾	Cast Bronze	Cast Bronze	Three, Steel	One, 1817F	80	None
811¾MK	Cast Bronze	Cast Bronze	Three, Steel	One, 1817F	640	1817FM

Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE EMERGENCY LOCKS

FOR USE ON CORRIDOR DOORS, IN SCHOOLS, PUBLIC BUILDINGS, ETC., CANNOT BE LOCKED FROM INSIDE



Nos. 841¾ and 841¾MK

Nos. 842¾ and 842¾MK

DIMENSIONS

CASE	Japanned iron, 5x3⅝x¾ in.
FRONT	Flat, 7x1⅛ inches.
STRIKE	Center of opening to end of lip, 1½ inches.
SPACING	Center of keyhole to center of knob hub, 2⅝ inches.
BACKSET	2¾ inches.
HUB	Bronze, for knob spindle, 5/16 inch.
LATCH BOLT	7/16 inch throw.

OPERATION

Latch Bolt, by knob from outside when interior stop is not set by key, by key from outside when stop is set. By knob from inside at all times. When locked with key outside knob is rigid.

Nos. 841¾ and 841¾MK have recessed fronts interlocking with strike and making pick proof.

Nos. 842¾ and 842¾MK have flat fronts.

MASTER KEYING

Nos. 841¾MK and 842¾MK are master keyed in 8 groups of 80 each, the 640 all different, with each group subject to a master key and all subject to a grand master key.

Can be master keyed with any lock using same class master key.

REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front	Bolts	Tumblers	Change Keys	Changes	Master Key
*841¾	Cast Bronze, Recessed	Cast Bronze	Three, Steel	One, 1817F	80	None
*841¾MK	Cast Bronze, Recessed	Cast Bronze	Three, Steel	One, 1817F	640	1817FM
842¾	Cast Bronze, Flat	Cast Bronze	Three, Steel	One, 1817F	80	None
842¾MK	Cast Bronze, Flat	Cast Bronze	Three, Steel	One, 1817F	640	1817FM

Packed each in a box, complete with screws.

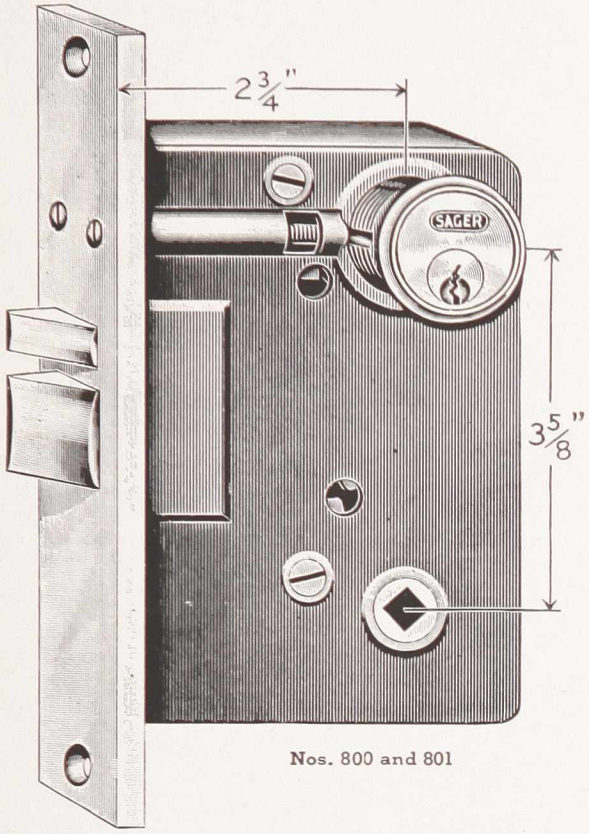
*Not reversible. Specify hand described on Page No. 41A.

Specify Number and Finish. Refer to Page No. 32A for description of finish.

Specify thickness of door.

MORTISE EMERGENCY LOCKS

FOR USE ON CORRIDOR DOORS, IN SCHOOLS, PUBLIC BUILDINGS, ETC., CANNOT BE LOCKED FROM INSIDE



Nos. 800 and 801

DIMENSIONS

CASE	Japanned iron, 5½x3⅞x¾ inches.
FRONT	Flat, 7½x1⅛ inches.
STRIKE	Center of opening to end of lip, 1½ inches.
SPACING	Center of cylinder to center of knob hub, 3⅝ inches.
BACKSET	2¾ inches.
HUB	Bronze, for knob spindle, 5/16 inches.
LATCHBOLT	7/16 inch throw.
AUXILIARY LATCH	½ inch throw.

OPERATION

No. 800—Latch Bolt, by knob from outside when interior stop is not set, by key from outside when stop is set, by knob from inside at all times.

When locked, outside, knob is rigid and the auxiliary bolt dead locks the latch bolt making it proof against end pressure.

No. 801—Same as No. 800 except has **hold back** feature.

MASTER-KEYING

Cylinder can be master keyed with any cylinder using Key Class 88.

REVERSIBLE—Type "O" Construction, Page No. 51A

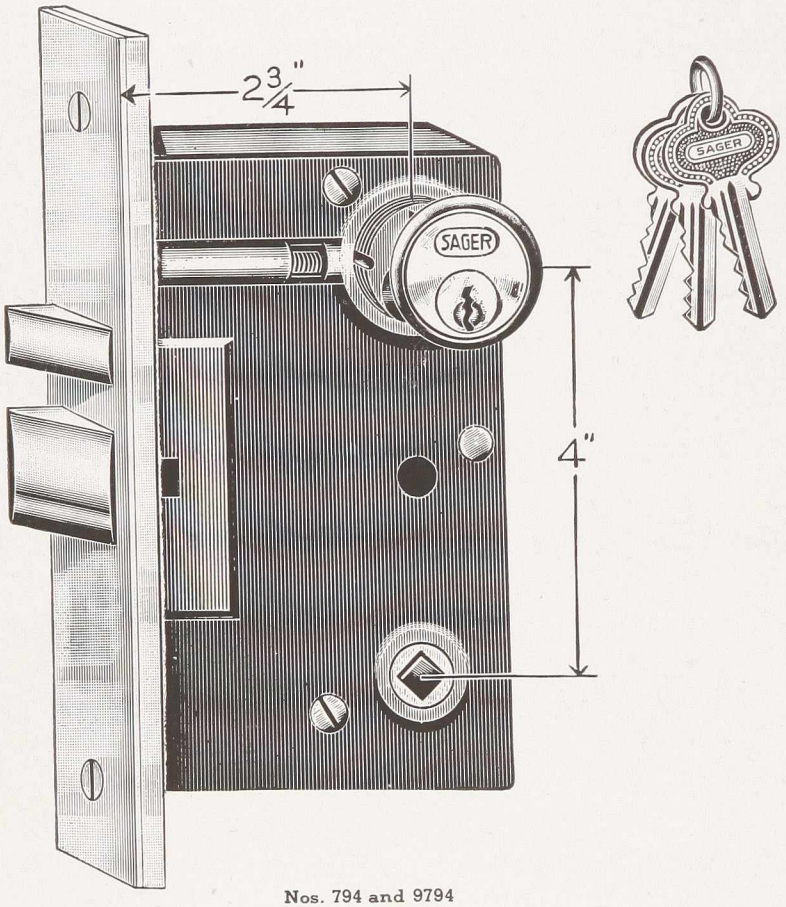
Number	Front and Bolts	Cylinder	Keys	Changes
800	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
801	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.

Specify Number and Finish. Refer to Page No. 32A for description of finish. Specify thickness of door.

HEAVY DUTY STANDARDIZED MORTISE EMERGENCY LOCKS

FOR CORRIDOR DOORS, IN SCHOOLS, PUBLIC BUILDINGS, ETC. CANNOT BE LOCKED FROM INSIDE



Nos. 794 and 9794

DIMENSIONS

CASE	Japanned iron, 6x3 7/8x1 13/16 in.
FRONT	Flat, **armored**, regular, 8x 1¼ inches. Special, beveled, ⅛ inch on 2 inch.
STRIKE	Cast Bronze, Regular, for wood door, center of opening to end of lip, 1½ in.
	Cast Bronze, Special, No. 9 for metal door, center of opening to end of lip, 1⅜ inches. Refer to Page No. 56A for description.
SPACING	Center of cylinder to center of knob hub, 4 inches.
BACKSET	2¾ inches.
HUB	Bronze, for knob spindle, 5/16 inches.
LATCH BOLT	9/16 inch throw.
AUXILIARY LATCH	½ inch throw.

OPERATION

No. 794—Latch bolt, by knob from outside when the interior stop is not set by key from outside. By key from outside when stop is set. By knob from inside at all times. When door is closed the auxiliary bolt automatically dead locks the latch bolt, making it proof against end pressure.

No. 9794—Same as No. 794 except made to template and packed with No. 9 strike and machine screws for metal door and jamb.

MASTER-KEYING

Cylinders can be master keyed with any cylinders using Key Class 88.

We manufacture a complete series of heavy duty standardized locks for wood doors and metal doors which fit the same mortise dimensions.

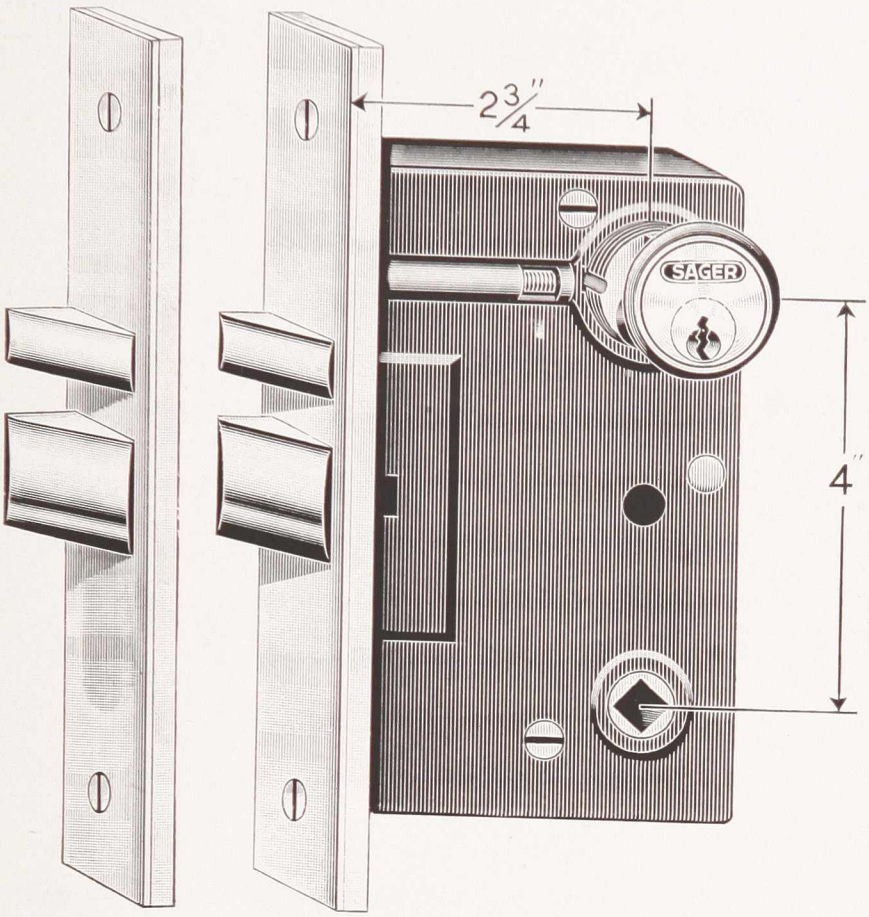
NOT REVERSIBLE—Type "O" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
794	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited
9794	Cast Bronze, Flat	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Not Reversible, specify hand described on Page No. 41A.
Specify number and finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.

HEAVY DUTY STANDARDIZED MORTISE EMERGENCY LOCKS

FOR CORRIDOR DOORS IN SCHOOLS, PUBLIC BUILDINGS, ETC. CANNOT BE LOCKED FROM INSIDE



Nos. 797 and 9797
3/4 inch Throw Latch Bolt

Nos. 796 and 9796
Type 798 Without Auxiliary Bolt

DIMENSIONS

CASE	Japanned iron, 6x3 7/8x 13/16 inches.
FRONT	Flat, regular, 8x1 1/4 in. Special, beveled, 1/8 in. on 2 inches.
STRIKE	Cast bronze, regular for wood doors, center of opening to end of lip, 1 1/2 inches. Cast bronze, special, No. 9 for metal doors, center of opening to end of lip, 1 3/8 inches. Refer to Page No. 56A for description.
SPACING	Center of cylinder to center of knob hub, 4 in.
BACKSET	2 3/4 inches.
HUB	Bronze, for knob spindle, 5/16 inch.
LATCH BOLT	Nos. 796 and 798, 9/16 inch throw. No. 797 and 9797, 3/4 inch throw.
AUXILIARY	Latch, 1/2 inch throw.

OPERATION

No. 796—Latch Bolt, by knob from outside when interior stop is not set, by key of inside cylinder. By key from outside when stop is set. By knob from inside at all times.

Stops are controlled by cylinder from inside. When door is closed the auxiliary bolt automatically dead locks the Latch Bolt, making it proof against end pressure.

No. 9796—Same operation as No. 796 except made to template and packed with No. 9 strike and machine screws for metal doors and jamb.

No. 797—Same as No. 796 Latch Bolt, has **3/4 inch throw.**

No. 9797—Same as No. 9796 Latch Bolt, has **3/4 inch throw.** Lock made to template and packed with machine screws for metal door and jamb.

No. 798—Without auxiliary bolt. Latch Bolt, by knob from outside when interior stop is not set by key of inside cylinder. By key from outside when stop is set. By knob from inside at all times.

MASTER-KEYING

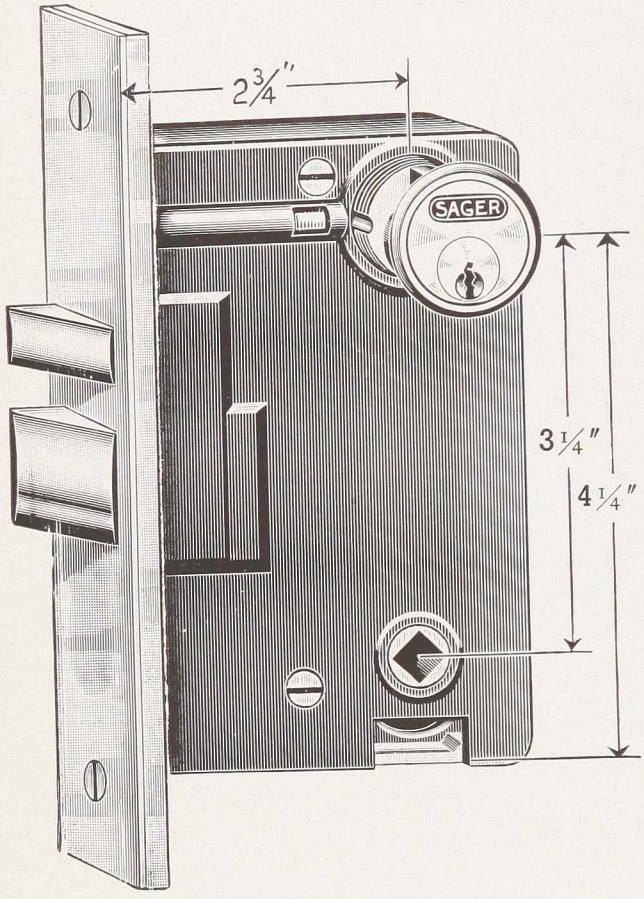
Cylinders can be master keyed with any cylinders using Key Class 88.
We manufacture a complete series of heavy duty standardized locks for wood and metal doors which fit same mortise dimensions.

NOT REVERSIBLE—Type "O" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
796	Cast Bronze, Flat	Two, Cast Bronze, No. 1901	Three, No. 1888	Unlimited
9796	Cast Bronze, Flat	Two, Cast Bronze, No. 1901	Three, No. 1888	Unlimited
797	Cast Bronze, Flat	Two, Cast Bronze, No. 1901	Three, No. 1888	Unlimited
9797	Cast Bronze, Flat	Two, Cast Bronze, No. 1901	Three, No. 1888	Unlimited
798	Cast Bronze, Flat	Two, Cast Bronze, No. 1901	Three, No. 1888	Unlimited

Packed each in a box complete with screws. Specify hand described on Page No. 41A.
Specify Number and Finish. Refer to Page No. 32A for description of finish. Specify thickness of door.

MORTISE EMERGENCY ENTRANCE LOCK



Nos. 880 and 881

FOR USE ON ENTRANCE DOORS, IN SCHOOLS, PUBLIC BUILDINGS, ETC., WITH ENTRANCE HANDLE OUTSIDE AND KNOB INSIDE.

CANNOT BE LOCKED FROM INSIDE.

DIMENSIONS

CASE	Japanned iron, 5x3⅞x⅞ inches.
FRONT	Flat, regular, 7⅜x1¼ in. Special, beveled, ⅛ in. on 2 in.
STRIKE	Cast Bronze, regular, for wood doors, center of opening to end of lip, 1½ inches.
SPACING	Outside, center of cylinder to bottom of lift, 4¼ inches. Inside, center of cylinder to center of knob hub, 3¼ inches.
BACKSET	2¾ inches.
HUB	Bronze, for knob spindle, 5/16 inches.
LIFT	Bronze.
LATCH BOLT	9/16 inch throw.
AUXILIARY BOLT	½ inch throw.

OPERATION

No. 880—Latch Bolt, by thumb piece from outside when interior stop is not set, by key from inside. By key from outside when stop is set, by knob from inside at all times. Stops controlled by inside cylinder. When door is closed the auxiliary bolt automatically dead locks the latch bolt, making it proof against end pressure.

MASTER-KEYING

Cylinders can be master keyed with any cylinders using Key Class 88.

OPERATION

No. 881—With **hold back** feature. Latch Bolt, by thumb piece from outside when interior stop is not set, by key from inside. By key from outside when stop is set. By knob from inside at all times. Stops controlled by cylinder from inside, and by turning key as far as possible in the inside cylinder and then turning the knob or operating the thumb piece, will hold the two bolts in a retracted position, allowing the door to be opened by pushing or pulling.

To throw bolts in operative position use key from inside cylinder. When door is closed the auxiliary bolt automatically dead locks the latch bolt, making it proof against end pressure.

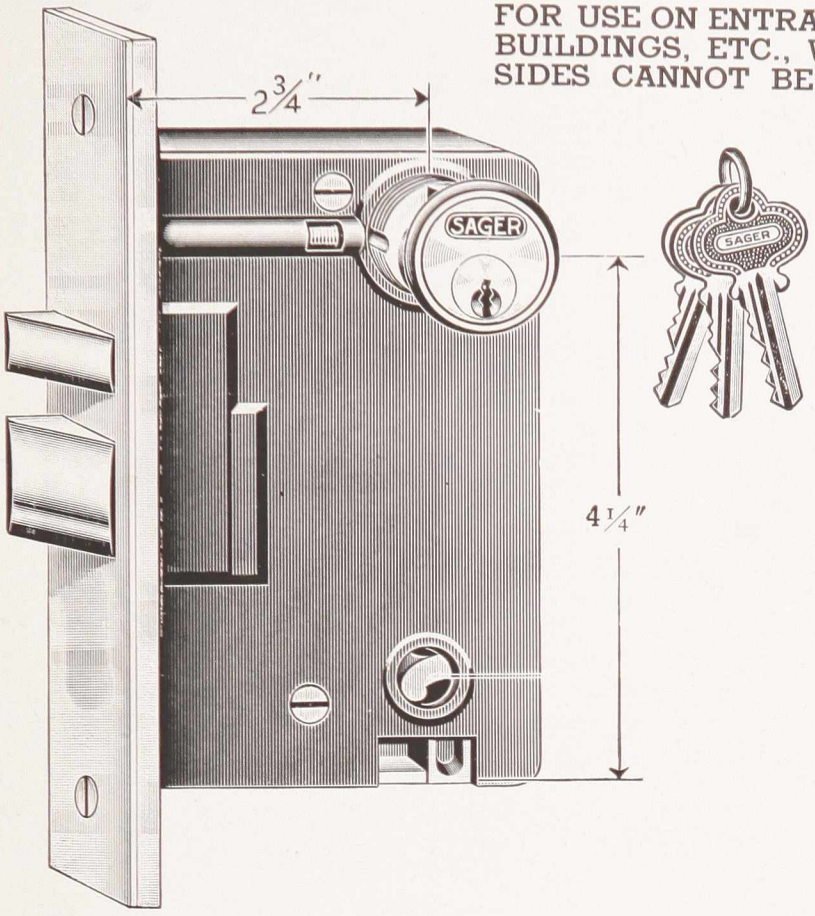
NOT REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
880	Cast Bronze	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited
881	Cast Bronze	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Specify number and finish. Refer to Page No. 32A for description of finish.
Specify thickness of door. Specify hand described on Page No. 41A.

MORTISE EMERGENCY ENTRANCE LOCK

FOR USE ON ENTRANCE DOORS, IN SCHOOLS, PUBLIC BUILDINGS, ETC., WITH ENTRANCE HANDLE, BOTH SIDES CANNOT BE LOCKED FROM INSIDE



Nos. 885 and 886

DIMENSIONS

CASE	Japanned iron, 5x3⅞x⅞ in.
FRONT	Flat, regular, 7⅜x1¼ inches Special, beveled, ⅛ inch on 2 inches.
STRIKE	Cast Bronze, regular, for wood doors, center of opening to end of lip, 1½ inches.
SPACING	Center of cylinder to bottom of lift, 4¼ inches.
BACKSET	2¾ inches.
LIFT	Bronze.
LATCH BOLT	9/16 inch throw.
AUXILIARY BOLT	½ inch throw.

OPERATION

No. 885—Latch Bolt, by thumb piece from outside when interior stop is not set by key from inside. By key from outside when stop is set. By thumb piece from inside at all times. Stops controlled by inside cylinder. When door is closed, auxiliary bolt automatically dead locks the latch bolt, making it proof against end pressure.

MASTER-KEYING

Cylinders can be master keyed with any cylinder using Key Class 88.

OPERATION

No. 886—With **hold-back** feature. Latch Bolt, by thumb piece from outside when interior stop is not set by key from inside. By key from outside when stop is set. By thumb piece from inside at all times. Stops controlled by cylinder from inside, and by turning key as far as possible in the inside cylinder and then operating thumb piece, will hold the two bolts in a retracted position, allowing the door to be opened by pushing or pulling.

To throw bolts in operative position use key from inside cylinder. When door is closed the auxiliary bolt automatically dead locks the latch bolt, making it proof against end pressure.

NOT REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front and Bolts	Cylinders	Keys	Changes
885	Cast Bronze	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited
886	Cast Bronze	Two, Cast Bronze, No. 1901	Three, 1888	Unlimited

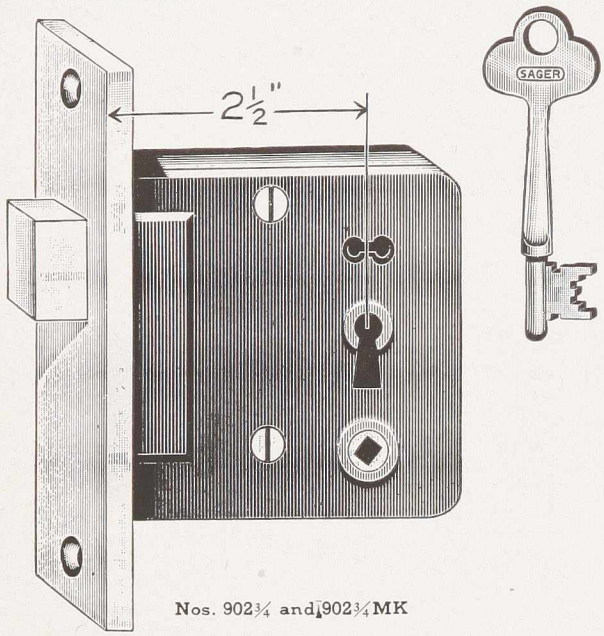
Packed each in a box, complete with screws.

Specify Number and finish. Refer to Page No. 32A for description of finishes.

Specify Thickness of door. Specify hand described on Page No. 41A.

MORTISE DEAD LOCKS

FOR CLASS ROOM DOORS



Nos. 902¾ and 902¾MK

DIMENSIONS

CASE	Japanned iron, 3⅜x3⅜x⅝ inches.
FRONT	Flat, 5⅜x1 1/16 inches.
STRIKE	Bronze.
BACKSET	2½ inches.
HUB	Bronze, for turn knob spindle, 3/16 in.
DEAD BOLT	7/16 inch throw.
KEY PLATES	One, wrought bronze, No. 2501.
TURN KNOB	Bronze, No. 2403B.

OPERATION

Dead Bolt, by key from outside only.
When projected the bolt can be withdrawn by turn knob from inside, but turn knob will not project bolt.

MASTER KEYING

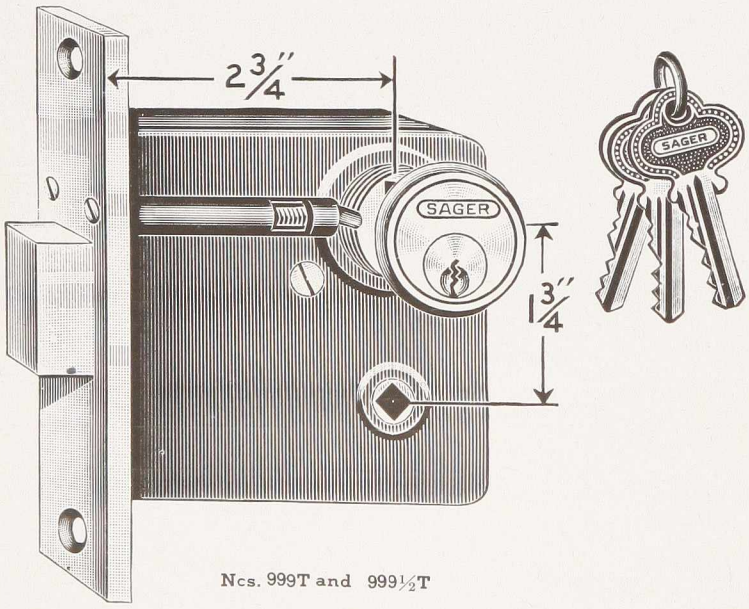
No. 902¾MK can be master keyed in 8 groups of 80 each. The 640 all different with each group subject to a master-key and all subject to a grand master key.

REVERSIBLE

Number	Front and Bolts	Tumblers	Change Keys	Changes	Master Key
902¾	Cast Bronze	Three, Steel	One, No. 1817F	80	None
902¾MK	Cast Bronze	Three, Steel	One, No. 1817F	640	1817M

Packed each in a box, complete with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.

FOR CLASS ROOM DOORS



Nos. 999T and 999½T

DIMENSIONS

CASE	Japanned iron, 3½x3¾x¾ inches.
FRONT	Flat, 5½x1⅛ inches.
STRIKE	Bronze
BACKSET	2¾ inches.
SPACING	1¾ inches center of cylinder to center of hub.
DEAD BOLT	½ inch throw.
HUB	Bronze, for turn knob spindle, 3/16 in.
TURN KNOB	Bronze, No. 2403B.

OPERATION

No. 999T—Dead Bolt, by key from outside only. When projected, the bolt can be withdrawn by turn knob from inside, but turn knob will not project bolt.

No. 999½T—Dead Bolt, by key from either side. When projected the bolt can be withdrawn by turn knob from inside, but turn knob will not project bolt.

MASTER KEYING

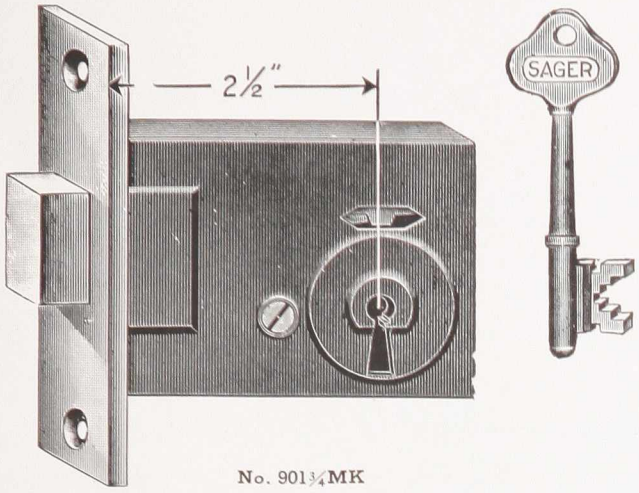
Cylinder can be master keyed with any cylinder using Key Class 88.

NOT REVERSIBLE

Number	Front and Bolts	Cylinders	Turn Knob	Keys	Changes
999T	Cast Bronze	One, Cast Bronze, No. 1901	One	Three, 1888	Unlimited
999½T	Cast Bronze	Two, Cast Bronze, No. 1901	One	Three, 1888	Unlimited

Packed each in a box, complete with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.
Specify thickness of door. Specify hand described on Page No. 41A.
Lock No. 999 T replaces No. 973 which has been discontinued.

MORTISE DEAD LOCKS



No. 901¾MK

DIMENSIONS

CASE	Japanned iron, 2⅜x3⅜x$^{13}/_{16}$ inches.
FRONT	Flat, 4⅛x1⅛ inches.
STRIKE	Bronze.
BACKSET	2½ inches.
DEAD BOLT	½ inch throw.
KEY PLATES	Two, cast bronze, No. 2506L.

OPERATION

Dead Bolt, by key from either side.

MASTER KEYING

Master keyed in 12 groups of 120 each, the 1440 all different, with each group subject to a master key and all subject to a grand master key.

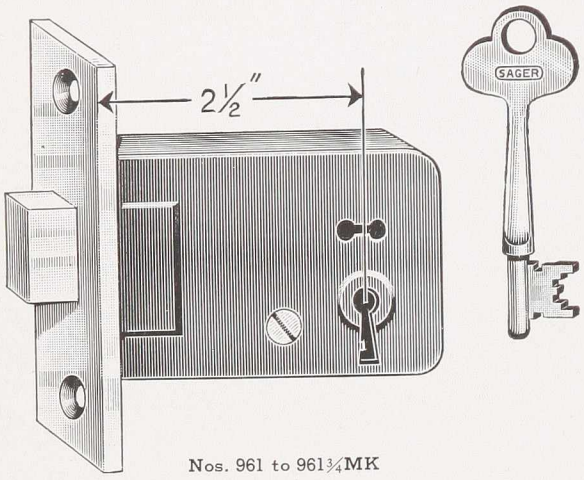
Can be master keyed with any lock using same key class.

REVERSIBLE

Number	Front and Bolts	Tumblers	Change Keys	Changes	Master Key
901¾MK	Cast Bronze	Four, Steel	One, No. 1816L	1440	1816LM

Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE DEAD LOCKS



Nos. 961 to 961¾MK

DIMENSIONS

CASE	Japanned iron, 2⅛x3¼x⅝ inches. Add ¾ inch to special backsets for width of case.
FRONT	Flat, 3⅞x1 inches.
STRIKE	Bronze.
BACKSET	Regular, 2½ inches. Special, 2-2¾ inches.
DEAD BOLT	⅜x⅞ inches.
DEAD BOLT	½ inch throw.
KEY PLATES	Two, wrought bronze, No. 2501.

OPERATION

Dead Bolt, by key from either side.

MASTER KEYING

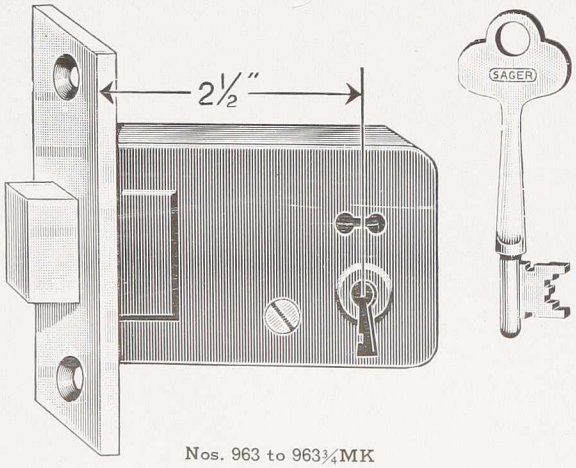
No. 961¾MK can be master keyed in 8 groups of 80 each, the 640 all different, with each group subject to a master key and all subject to a grand master key.

This lock can be master keyed with any lock using same key class.

REVERSIBLE

Number	Front and Bolts	Tumblers	Change Keys	Changes	Master Key
961	Cast Bronze	One, Steel	One, No. 1814M	12	None
961¾	Cast Bronze	Three, Steel	One, No. 1817F	36	None
961¾MK	Cast Bronze	Three, Steel	One, No. 1817F	640	1817FM

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



Nos. 963 to 963¾MK

DIMENSIONS

CASE	Japanned iron, 2⅛x3¼x⅝ inches. Add ¾ inch to special backsets for width of case.
FRONT	Flat, 3⅞x1 1/16 inches.
STRIKE	Bronze.
BACKSET	Regular, 2½ inches. Special, 2-2¾ inches.
DEAD BOLT	½x1 inches.
DEAD BOLT	½ inch throw.
KEY PLATES	Two, wrought bronze, No. 2501.,

OPERATION

Dead Bolt, by key from either side.

MASTER KEYING

No. 963¾ can be master keyed in 8 groups of 80 each, the 640 all different, with each group subject to a master key and all subject to a grand master key.

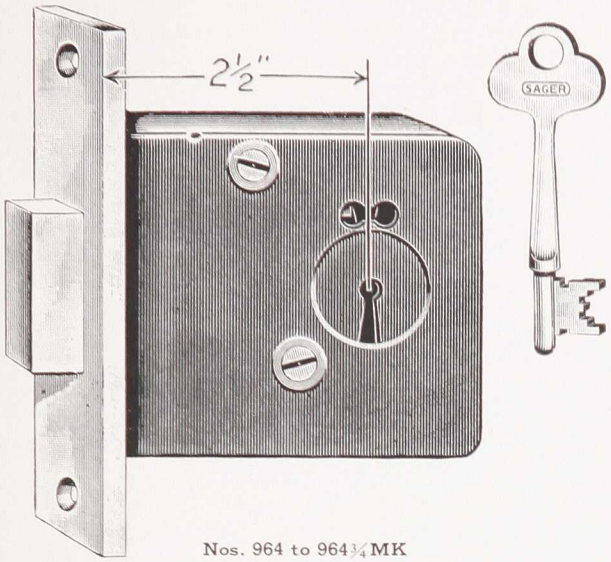
This lock can be master keyed with any lock using same key class.

REVERSIBLE

Number	Front and Bolts	Tumblers	Change Keys	Changes	Master Key
963	Cast Bronze	One, Steel	One, No. 1814M	12	None
963¾	Cast Bronze	Three, Steel	One, No. 1817F	36	None
963¾MK	Cast Bronze	Three, Steel	One, No. 1817F	640	1817FM

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE DEAD LOCKS



Nos. 964 to 964¾MK

DIMENSIONS

CASE Japanned iron, 3x3½x¾ inches.
FRONT Flat, 5x1⅛ inches.
STRIKE Bronze.
BACKSET 2½ inches.
DEAD BOLT ½ inch throw.
KEY PLATES Two, wrought bronze No. 2501.

OPERATION

Dead Bolt, by key from either side.

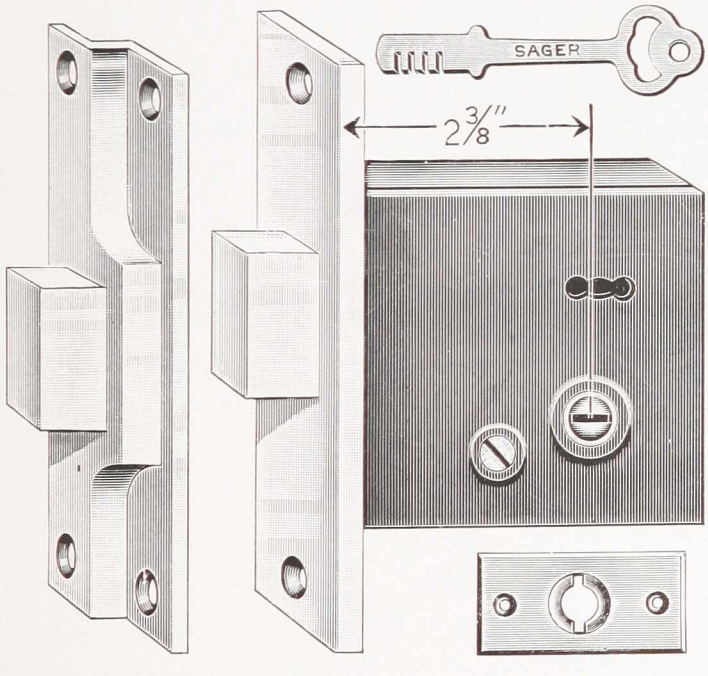
MASTER KEYING

No. 964¾MK can be master keyed in 8 groups of 80 each, the 640 all different, with each group subject to a master key and all subject to a grand master key. This lock can be master keyed with any lock using same key class.

REVERSIBLE

Number	Fronts and Bolts	Tumblers	Change Keys	Changes	Master Key
964	Cast Bronze	One, Steel	One, No. 1814M	12	None
964¾	Cast Bronze	Three, Steel	One, No. 1817F	36	None
964¾MK	Cast Bronze	Three, Steel	One, No. 1817F	640	1817FM

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



No. 962R No. 962

DIMENSIONS

CASE Japanned iron, 3x3½x⅞ inches.
FRONT Flat, 5½x1 5/16 inches.
Rabbeted, 5½x1⅜ inches, depth of rabbet, ½ inch.
STRIKE Bronze.
BACKSET Flat, 2⅜ inches.
Rabbeted, 2⅝x1⅞ inches.
KEY PLATES Two, bronze, No. 2513,
DEAD BOLT

OPERATION

Dead Bolt, by key from either side.

MASTER KEYING

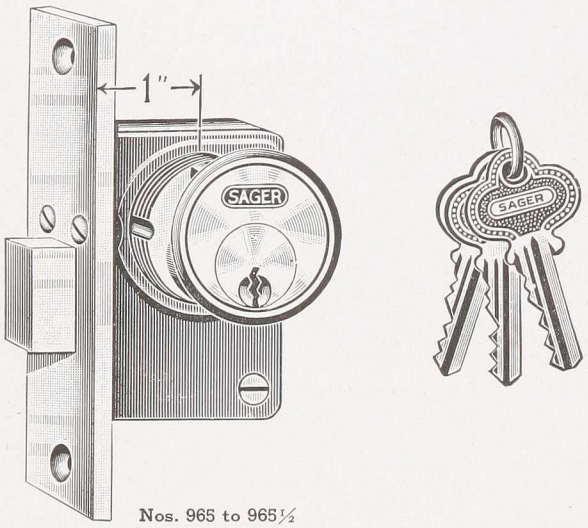
Not master keyed.

REVERSIBLE

Number	Fronts and Bolts	Tumblers	Change Keys	Changes
962	Cast Bronze	Four, Steel	Two, No. 1810JJA	75
***962R**	Cast Bronze	Four, Steel	Two, No. 1810JJA	75

Packed each in a box, complete with screws.
*Not reversible, specify hand described on Page No. 41A. Specify finish.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE DEAD LOCKS



Nos. 965 to 965½

DIMENSIONS

CASE Japanned iron, 2¾x1 7/8x¾ inches. Add ¾ inches to special backset for width of case.
FRONT Flat, 4 7/8x1 inches.
STRIKE Bronze.
BACKSET Regular, 1 inch. Special, 1½ inches.
DEAD BOLT ½ inch throw.
TURN KNOB No. 2403½B.

OPERATION

No. 965—By key from one side only.
No. 965T—By key from outside, by turn knob inside.
No. 965½—By key from either side.

MASTER KEYING

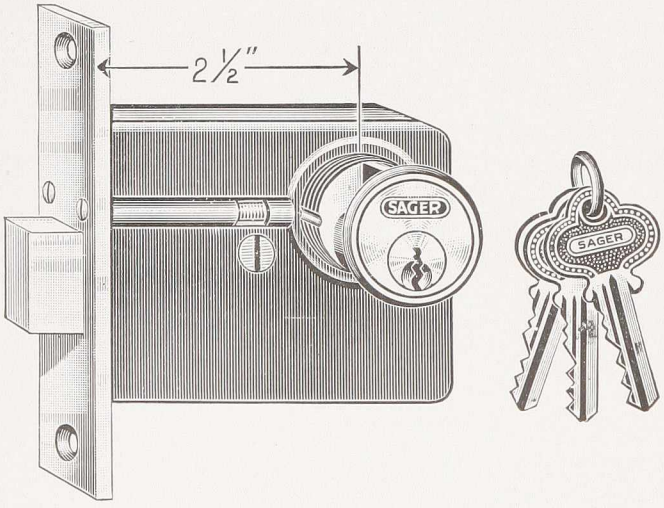
Cylinders can be master keyed with any cylinders using Key Class 88.

REVERSIBLE

Number	Front and Bolts	Cylinders	Turn Knob	Keys	Changes
965	Cast Bronze	One, Cast Bronze, No. 1901	None	Three, 1888	Unlimited
965T	Cast Bronze	One, Cast Bronze, No. 1901	One	Three, 1888	Unlimited
965½	Cast Bronze	Two, Cast Bronze, No. 1901	None	Three, 1888	Unlimited

Packed each in a box, complete with screws.

Specify Number and Finish. Refer to Page No. 32A for description of finish. Specify thickness of door.



FOR THIN DOORS

DIMENSIONS

CASE Japanned iron, 2¾x3 5/8x5/8 inches.
FRONT Flat, 4½x7/8 inches.
STRIKE Bronze.
BACKSET 2½ inches.
DEAD BOLT ½ inch throw.

OPERATION

Dead Bolt, by key from one side only.

MASTER KEYING

Cylinder can be master keyed with any cylinder using Key Class 88.

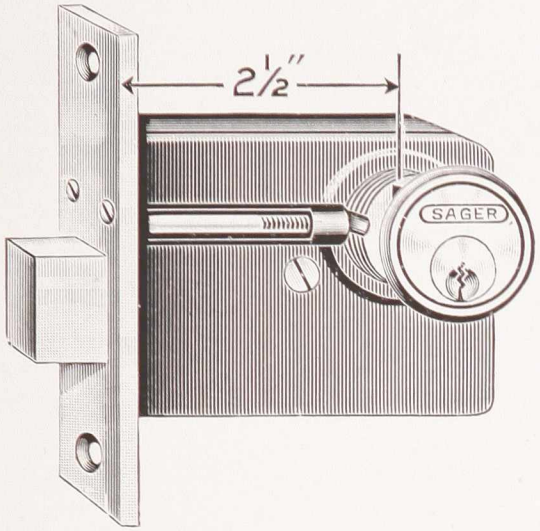
REVERSIBLE

Number	Front and Bolts	Cylinder	Turn Knob	Keys	Changes
972	Cast Bronze	One, Cast Bronze, No. 1901	None	Three, 1888	Unlimited

Packed each in a box, complete with screws.

Specify Number and Finish. Refer to Page No. 32A for description of finish. Specify thickness of door.

MORTISE DEAD LOCKS



No. 995 to 995½N

DIMENSIONS

CASE	Japanned iron, 2⅝x3½x¾ inches.
FRONT	Flat, regular, 4⅝x1 inches. Flat, narrow, 4⅝x⅞ inches.
STRIKE	Bronze.
BACKSET	Regular, 2½ inches.
DEAD BOLT	**11/16 inch throw.**
TURN KNOB	Bronze, No. 2403½B. Disc No. 1910 for turn knob.

OPERATION

Nos. 995 and **995N**—By key from one side only.

Nos. 995T and **995TN**—By key from outside, by turn knob inside.

Nos. 995½ and **995½N**—By key from either side.

MASTER KEYING

Cylinders can be master keyed with any cylinder using Key Class 88.

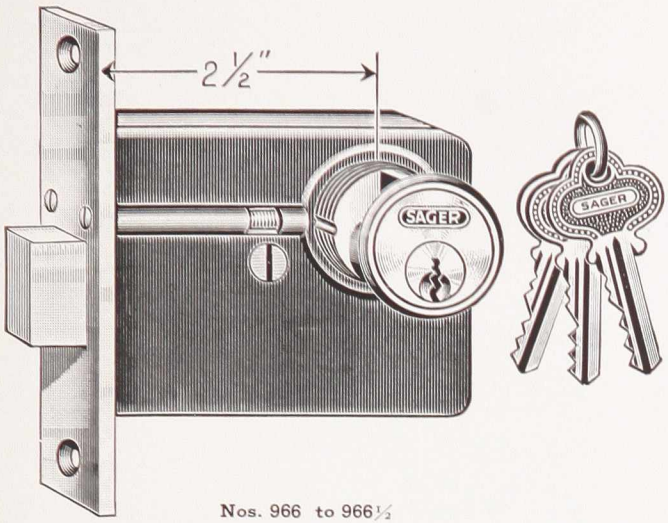
REVERSIBLE

Number	Front and Bolts	Cylinders	Turn Knob	Keys	Changes
995	Cast Bronze	One, Cast Bronze, No. 1901	None	Three, 1888	Unlimited
995T	Cast Bronze	One, Cast Bronze, No. 1901	One	Three, 1888	Unlimited
995½	Cast Bronze	Two, Cast Bronze, No. 1901	None	Three, 1888	Unlimited
995N	Cast Bronze	One, Cast Bronze, No. 1901	None	Three, 1888	Unlimited
995TN	Cast Bronze	One, Cast Bronze, No. 1901	One	Three, 1888	Unlimited
995½N	Cast Bronze	Two, Cast Bronze, No. 1901	None	Three, 1888	Unlimited

Packed each in a box, complete with screws.

Specify Number and Finish. Refer to Page No. 32A for description of finish. Specify thickness of door.

MORTISE DEAD LOCKS



Nos. 966 to 966½

0995 - + ¾ Throw

DIMENSIONS

CASE Japanned iron, 2⅝x3½x¾ inches. Add 1 inch to special backsets for width of case.
FRONT Flat, 4⅝x1 inches.
STRIKE Bronze.
BACKSET Regular, 2½ inches. Special, 2⅛, 2¾, 3 and 3¾ inches.
DEAD BOLT ½ inch throw.
TURN KNOB Bronze, No. 2403½B.

OPERATION

No. 966—By key from one side only.
No. 966T—By key from outside, by turn knob from inside.
No. 966½—By key from either side.

MASTER KEYING

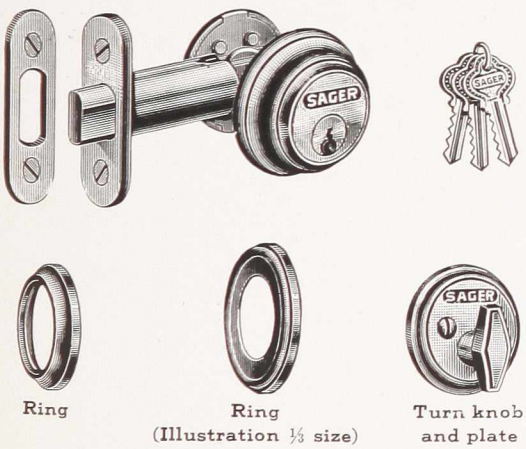
Cylinders can be master keyed with any cylinder using Key Class 88.

REVERSIBLE

Number	Front and Bolts	Cylinders	Turn Knob	Keys	Changes
966	Cast Bronze	One, Cast Bronze, No. 1901	None	Three, 1888	Unlimited
966T	Cast Bronze	One, Cast Bronze, No. 1901	One	Three, 1888	Unlimited
966½	Cast Bronze	Two, Cast Bronze, No. 1901	None	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish. Specify thickness of door.

MORTISE TUBULAR DEAD LOCK



Ring

Ring (Illustration ⅓ size) No. 975

Turn knob and plate

DIMENSIONS

CASE Die cast, cadmium plated, ⅞x3⅛ inches.
FRONT 2¾x1 inches.
STRIKE Wrought bronze or brass, 2¾x1 inches.
BACKSET 2⅜ inches.
DEAD BOLT ¾x9/16 with 9/16 inch throw. Two hardened steel pins in bolt head.
TURN KNOB One, plate wrought bronze or brass, 1¾ inches in diameter. Turn knob die cast with bronze or brass scalp covering knob top.
CYLINDER RINGS Three packed with each lock, suitable for doors 1⅝ to 2¼ inches thick.

OPERATION

From outside by key and from inside by turn knob.

MASTER KEYING

Can be master keyed with any cylinder using Key Class 88.

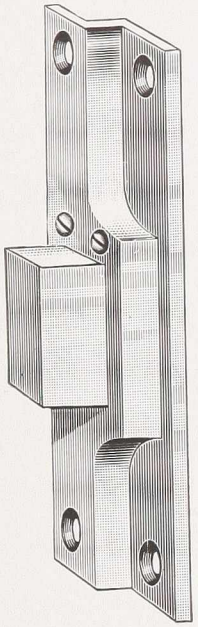
REVERSIBLE

For doors of either hand opening in or out by transposing cylinder and turn knob plate.

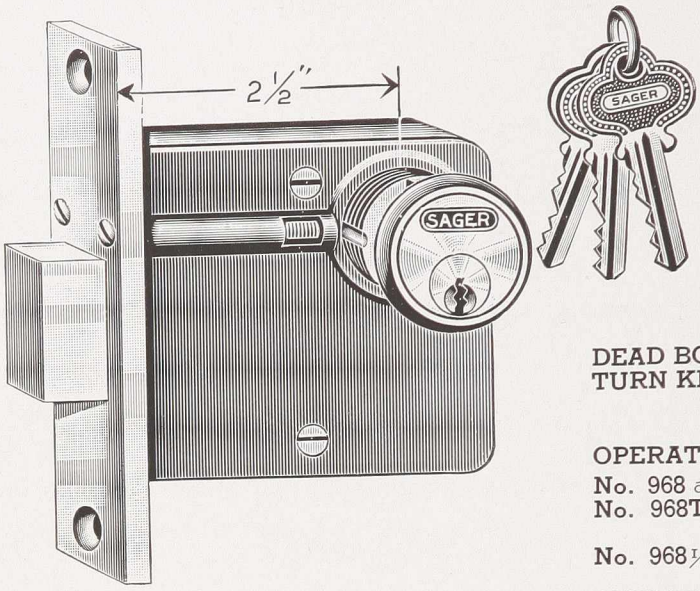
Number	Front	Bolts	Cylinder	Keys	Changes
975	Forged Brass	Extruded Brass	One No. 1902S	Three No. 1888	Unlimited

Packed each in a box, complete with screws and template.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE DEAD LOCKS



No. 968R and 968 ½R



Nos. 968 to No. 968TR

DIMENSIONS

CASE Japanned iron, 3⅛x 3½x⅞ inches. Add 1 inch to special backsets for width of case.

FRONT Flat, 5⅛x1¼ inches.
STRIKE Bronze.
BACKSET Flat, regular, 2½ in. Flat, special, 2, 2¾, 3, 3½ and 4 in. Rabbeted, regular, 2x 2½. Rabbeted, special, 2x 1½, 2¼x1¾, 2¾x 2¼, 3x2½, 3¼x2¾, 3x2½, 3¼x2¾, 3½x3, 4x3½ in.

DEAD BOLT ½ inch throw.
TURN KNOB Bronze, No. 2403½B. Disc, No. 1910 for turn knob.

OPERATION

No. 968 and **968R** by key from one side only.
No. 968T and **968TR**, by key from outside and turn knob from inside.
No. 968½ and **968½R**, by key from either side.

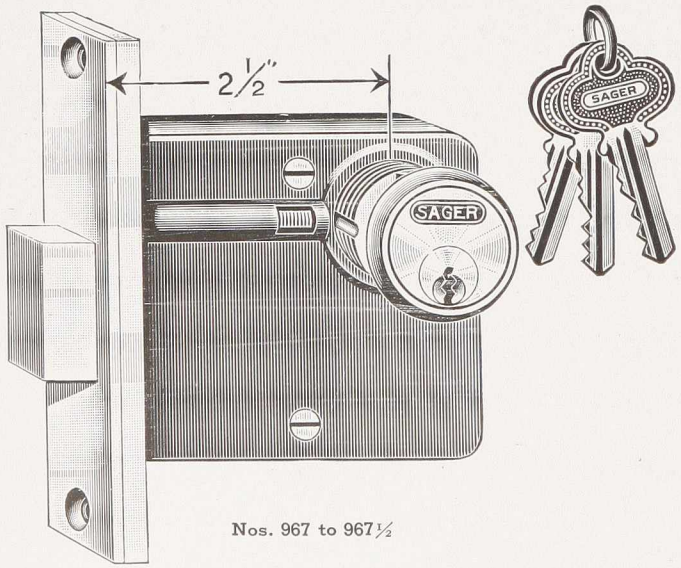
MASTER KEYING

Cylinders can be master keyed with any cylinders using Key Class 88.

REVERSIBLE

Number	Front and Bolts	Cylinders	Turn Knob	Keys	Changes
968	Cast Bronze	One, Cast Bronze, No. 1901	None	Three, 1888	Unlimited
968T	Cast Bronze	One, Cast Bronze, No. 1901	One	Three, 1888	Unlimited
968½	Cast Bronze	Two, Cast Bronze, No. 1901	None	Three, 1888	Unlimited
***968R**	Cast Bronze	One, Cast Bronze, No. 1901	None	Three, 1888	Unlimited
***968TR**	Cast Bronze	One, Cast Bronze, No. 1901	One	Three, 1888	Unlimited
***968½R**	Cast Bronze	Two, Cast Bronze, No. 1901	None	Three, 1888	Unlimited

Packed each in a box, complete with screws. *Not Reversible. Specify hand described on Page No. 41A. Specify Number and Finish. Refer to Page No. 32A for description of finish. Specify thickness of door.



Nos. 967 to 967½

DIMENSIONS

CASE Japanned iron, 3⅛x 3½x⅞ inches. Add 1 inch to special backsets for width of case.

FRONT Flat, **armored**, 5⅛x1¼ inches.
STRIKE Bronze.
BACKSET Regular, 2½ inches. Special, 2, 2¾ 3, 3½ and 4 in.

DEAD BOLT 9/16 inch throw.
TURN KNOB Bronze, No. 2403½B. Disc, No. 1910 for turn knob.

OPERATION

No. 967, by key from one side only.
No. 967T, by key from outside, by turn knob inside.
No. 967½, by key from either side.

MASTER KEYING

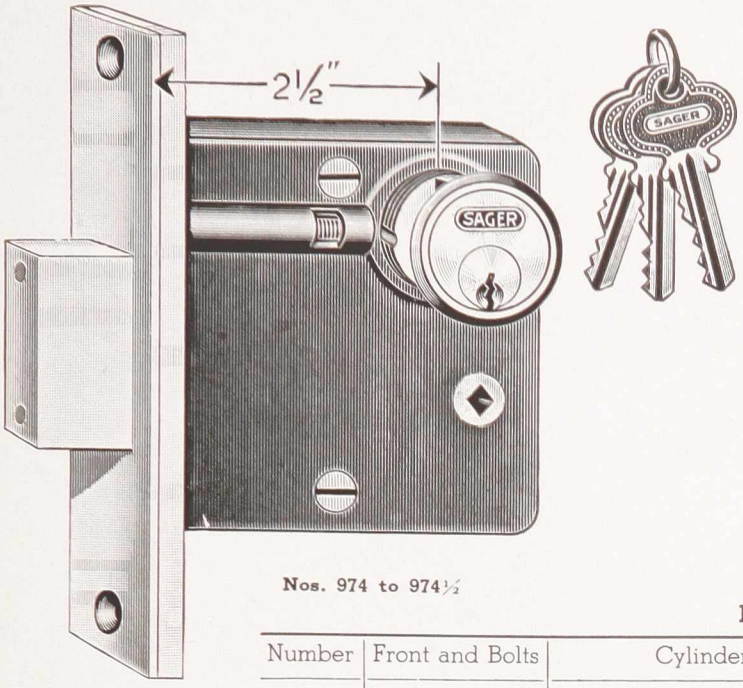
Cylinders can be master keyed with any cylinder using Key Class 88.

REVERSIBLE

Number	Front and Bolts	Cylinders	Turn Knob	Keys	Changes
967	Cast Bronze	One, Cast Bronze, No. 1901	None	Three, 1888	Unlimited
967T	Cast Bronze	One, Cast Bronze, No. 1901	One	Three, 1888	Unlimited
967½	Cast Bronze	Two, Cast Bronze, No. 1901	None	Three, 1888	Unlimited

Packed each in a box, complete with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish. Specify thickness of door.

MORTISE DEAD LOCKS



Nos. 974 to 974½

DIMENSIONS

CASE Japanned iron, 3⅞x3⅝x⅞ inches. Add 1⅛ inches to special backset for width of case.
FRONT Flat, **armored,** 5⅞x1¼ inches.
STRIKE Bronze.
BACKSET Regular, 2½ inches. Special, 2, 2¼, 2¾ and 3 inches.
DEAD BOLT 1 inch throw, 1¾x⅝ inches. Extra heavy, with two case hardened pins in center to prevent cutting of bolt when in locked position.
TURN KNOB Bronze, No. 2403B.

OPERATION

No. 974—By key from one side only.
No. 974T—By key from outside and turn knob inside.
No. 974½—By key from either side.

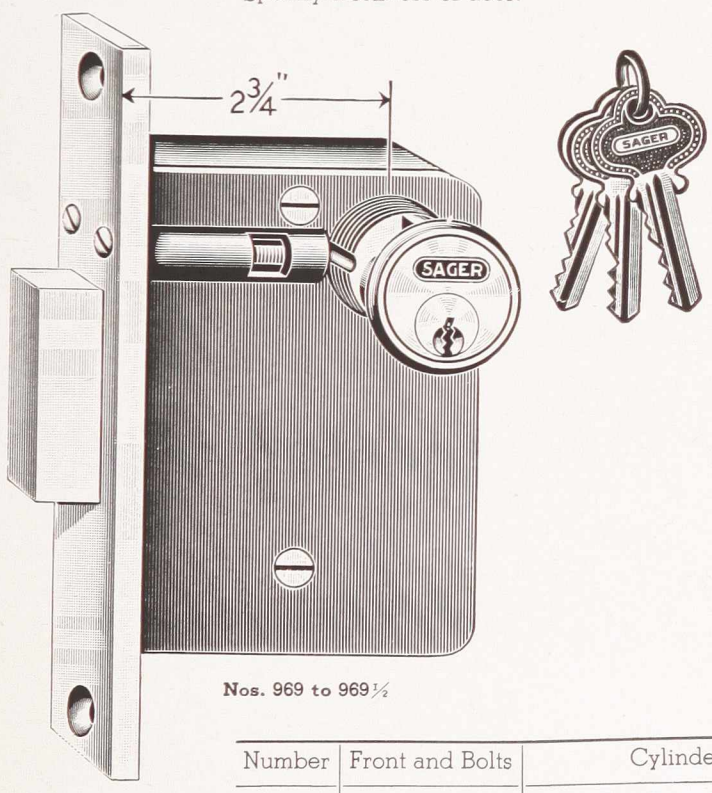
MASTER KEYING

Cylinders can be master keyed with any cylinder using Key Class 88.

REVERSIBLE

Number	Front and Bolts	Cylinders	Turn Knob	Keys	Changes
974	Cast Bronze	One, Cast Bronze, No. 1904	None	Three, 1888	Unlimited
974T	Cast Bronze	One, Cast Bronze, No. 1904	One	Three, 1888	Unlimited
974½	Cast Bronze	Two, Cast Bronze, No. 1904	None	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.



Nos. 969 to 969½

DIMENSIONS

CASE Japanned iron, 4½x3¾x⅞ inches Add 1 inch to special backsets for width of case.
FRONT Flat, 6⅞x1¼ inches.
STRIKE Bronze.
BACKSET Regular, 2¾ inches. Special, 1, 1¼, 1½, 1¾, 2 and 2½ in.
DEAD BOLT ⅝ inch throw, 2x⅝ inches.
TURN KNOB Bronze, No. 2403½B.

OPERATION

No. 969—By key from one side only.
No. 969T—By key from outside and by turn knob from inside.
No. 969½—By key from either side.

MASTER KEYING

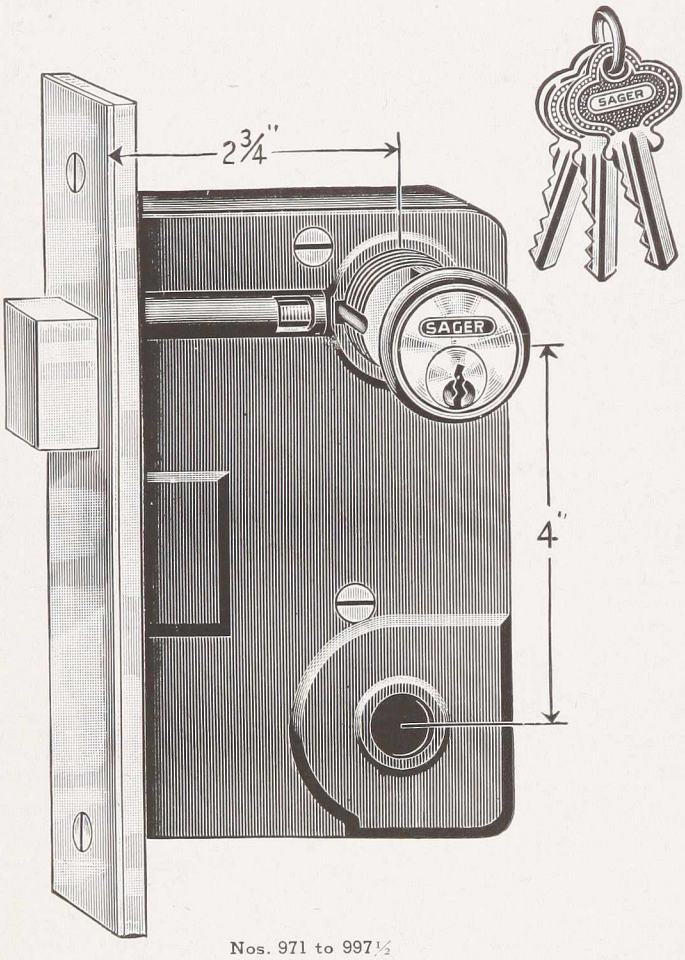
Cylinders can be master keyed with any cylinders using Key Class 88.

REVERSIBLE

Number	Front and Bolts	Cylinders	Turn Knob	Keys	Changes
969	Cast Bronze	One, Cast Bronze, No. 1901	None	Three, 1888	Unlimited
969T	Cast Bronze	One, Cast Bronze, No. 1901	One	Three, 1888	Unlimited
969½	Cast Bronze	Two, Cast Bronze, No. 1901	None	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.

HEAVY DUTY STANDARDIZED MORTISE DEAD LOCKS



Nos. 971 to 997½

DIMENSIONS

CASE	Japanned iron, 6x3 7/8x1 13/16 inches.
FRONT	Flat, **armored**, regular, 8x1 ¼ inches. Special, beveled ⅛ inch on 2 inches.
STRIKE	Cast bronze, regular, for wood doors. Cast bronze, special, No. 9 for metal door. Refer to Page No. 56A for description.
BACKSET	2¾ inches.
DEAD BOLT	9/16 inch throw.
TURN KNOB	Bronze, No. 2403½B.

OPERATION

No. 971—By key from one side only.

No. 9971—By key from one side only. Made to template and packed with No. 9 strike and machine screws for metal door and jamb.

No. 971T—By key from outside and turn knob from inside.

No. 9971T—By key from outside and turn knob inside. Made to template and packed with No. 9 strike and machine screws for metal door and jamb.

No. 971½—By key from either side.

No. 9971½—By key from either side. Made to template and packed with No. 9 strike and machine screws for metal door and jamb.

MASTER KEYING

Cylinders can be master keyed with any cylinders using Key Class 88.

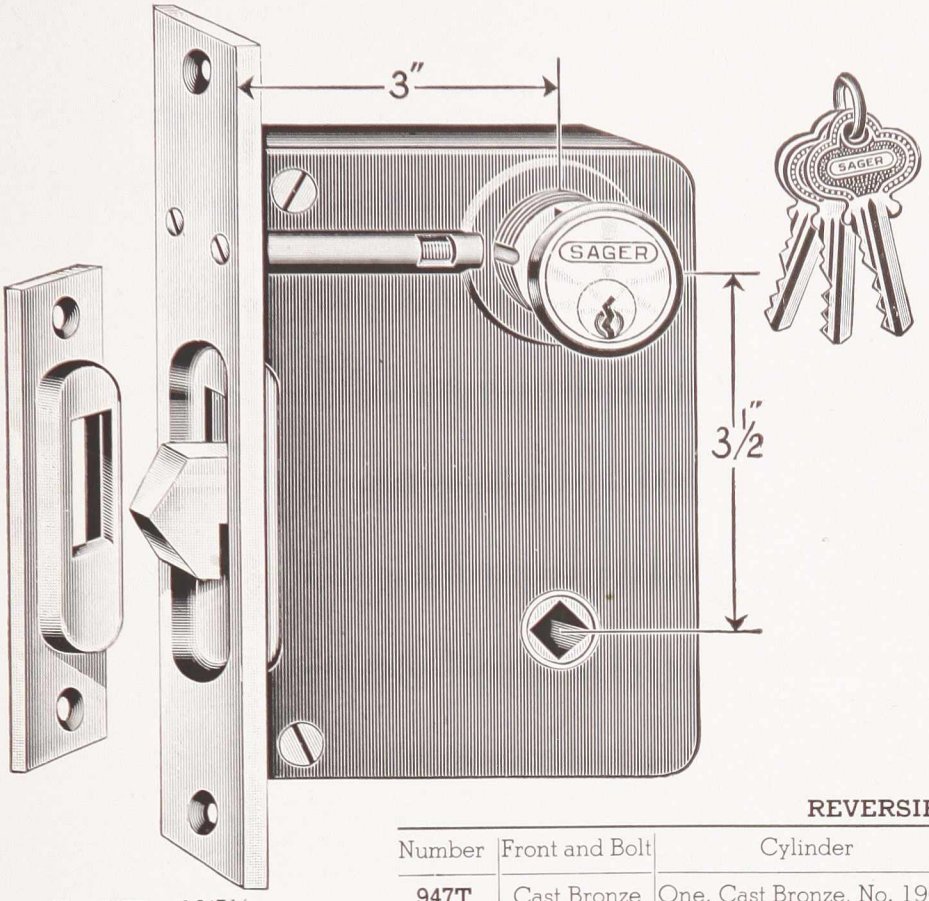
We manufacture a complete series of heavy duty standardized locks which will fit the same mortise dimensions.

REVERSIBLE

Number	Front and Bolts	Cylinders	Turn Knob	Keys	Changes
971	Cast Bronze, Flat	One, Cast Bronze, No. 1901	None	Three, 1888	Unlimited
9971	Cast Bronze, Flat	One, Cast Bronze, No. 1901	None	Three, 1888	Unlimited
971T	Cast Bronze, Flat	One, Cast Bronze, No. 1901	One	Three, 1888	Unlimited
9971T	Cast Bronze, Flat	One, Cast Bronze, No. 1901	One	Three, 1888	Unlimited
971½	Cast Bronze, Flat	Two, Cast Bronze, No. 1901	None	Three, 1888	Unlimited
9971½	Cast Bronze, Flat	Two, Cast Bronze, No. 1901	None	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Beveled front locks not reversible, specify hand described on Page No. 41A.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.

MORTISE SLIDING DOOR LOCKS



Nos. 947T and 947½

DIMENSIONS

CASE Japanned iron, 5¾x 4¼x7⅞ inches.
FRONT Flat, 7⅞x1⅜ inches.
STRIKE Cast bronze.
BACKSET 3 inches.
SPACING Center of handle hub to center of cylinder, 3½ inches. Center of hub to turn knob disc, 3¼ in.
HUB Bronze, for handle spindle, 5/16 inches.
TURN KNOB No. 2400½B.

OPERATION

No. 947T—Latch by drop handles from both sides.
When locked by key from outside, or by turn knob from inside, handles will not operate bolt.

No. 947½—Latch by drop handles from both sides. When locked by key from either side, drop handles will not operate bolt.

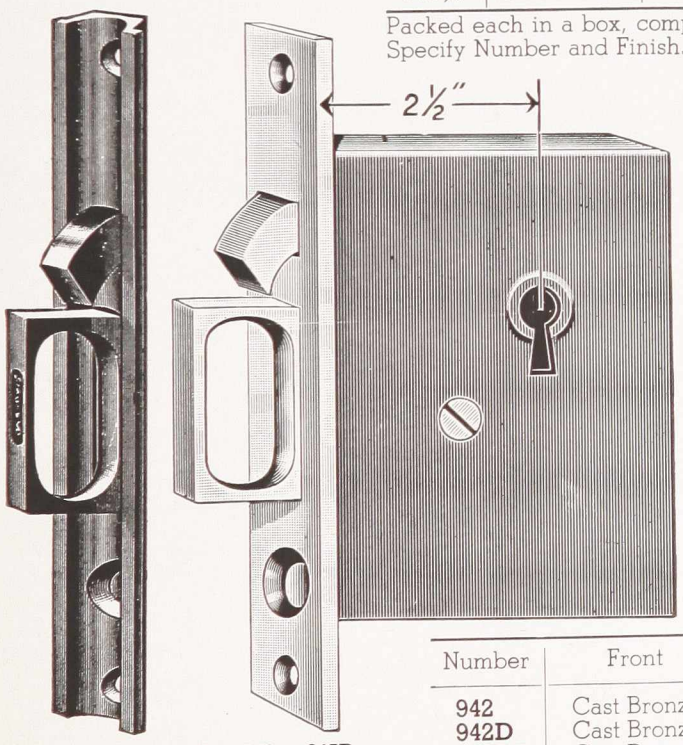
MASTER-KEYING

Cylinders can be master-keyed, with any cylinder using key class 88.

REVERSIBLE

Number	Front and Bolt	Cylinder	Keys	Turn Knob	Changes
947T	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	One	Unlimited
947½	Cast Bronze	Two, Cast Bronze, No. 1901	Three, 1888	None	Unlimited

Packed each in a box, complete with screws. Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.



No. 942DA Nos. 942 to 945D

DIMENSIONS

CASE Japanned iron, 4¼x3¾x5⅝ inches.
FRONT Flat, 6⅜x1 1/16 inches. Double astragal, 6⅜x1 1/16 in.
BACKSET Regular, 2½ inches. Special, 2¾ inches.
PULL Cast bronze.

OPERATION

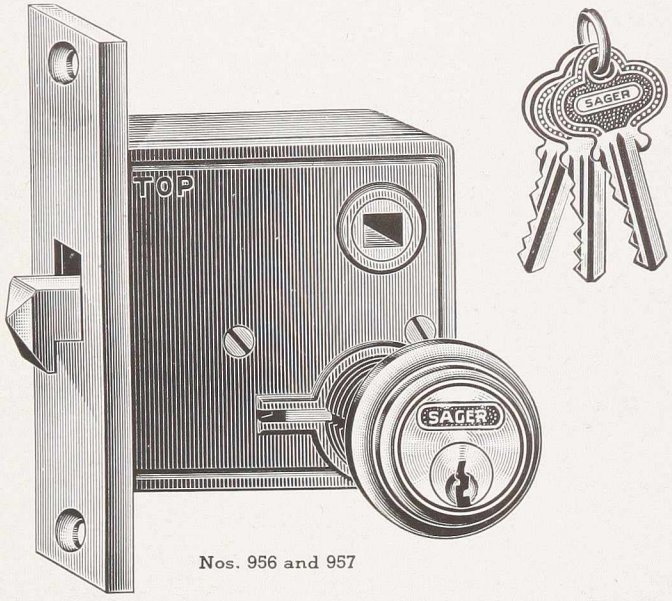
Hook-Bolt, by key from either side.
Pull, pressure on push button throws pull out and when door is closed is retracted into lock case.

REVERSIBLE

Number	Front	Bolt and Pull	Key	Change	For Doors
942	Cast Bronze	Cast Bronze	Bronze, No. 1812VV	4	Single, Flat
942D	Cast Bronze	Cast Bronze	Bronze, No. 1812VV	4	Double, Flat
942DA	Cast Bronze	Cast Bronze	Bronze, No. 1812VV	4	Double, Astragal
944	Wrought Bronze	Cast Bronze	Bronze, No. 1812VV	4	Single, Flat
944D	Wrought Bronze	Cast Bronze	Bronze, No. 1812VV	4	Double, Flat
945	Wrought Steel	Cast Bronze	Bronze, No. 1812VV	4	Single, Flat
945D	Wrought Steel	Cast Bronze	Bronze, No. 1812VV	4	Double, Flat

Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE SLIDING DOOR LOCK



Nos. 956 and 957

DIMENSIONS

CASE	Japanned iron, 3¼x3½x¾ inches.
FRONT	Flat, 5¼x1 inches.
STRIKE	Cast Bronze.
BACKSET	2¾ inches.
HUB	Bronze, for knob spindle, 5/16 inches **on the square.**
LATCH	Projection ¾ inches.
TURN KNOB	No. 2141¾x01937 spindle.

OPERATION

No. 956—By key from outside at all times. By knob from inside.
No. 957—By key from both sides, knob being omitted.

MASTER KEYING

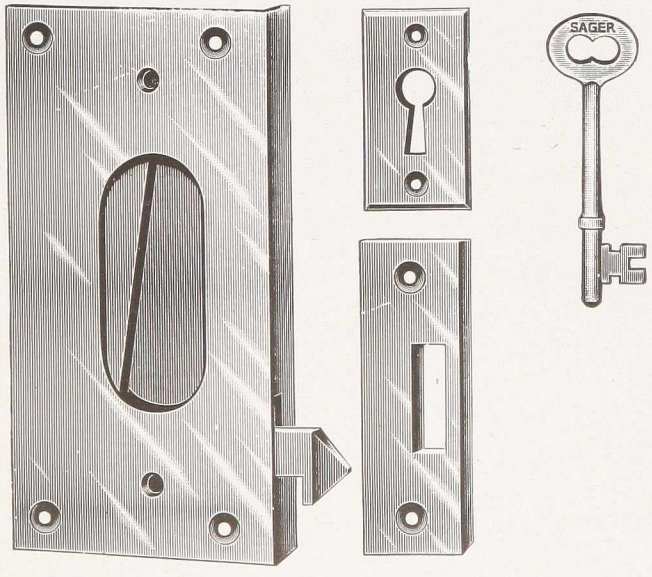
Cylinder can be master keyed with any cylinder using Key Class 88.

REVERSIBLE

Number	Front and Bolt	Cylinder	Keys	Turn Knob	Changes
956	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	One, Cast Bronze	Unlimited
957	Cast Bronze	Two, Cast Bronze, No. 1901	Three, 1888	None	Unlimited

Packed each in a box, complete with screws. Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

ELEVATOR LATCH



No. 955
Cut Show Left Hand Lock

DIMENSIONS

CASE	Cast Bronze, 5⅛x2⅝x⅝ inches.
FRONT	Flat, 5⅛x⅞ inches.
STRIKE	Cast Bronze, 2⅛x1 13/16x3/32, inches.
BACKSET	Front, to center of key hole, 1⅝ inches. Front, to center of cup, 1⅜ inches.
KEY PLATE	Wrought Bronze, No. 2502.
DEPTH OF	Half mortise, ½ inch.
LIFT LATCH	Projection, ⅝ inches.

OPERATION

Latch, by key from outside at all times. By flush finger lever from inside at all times.

MASTER KEYING

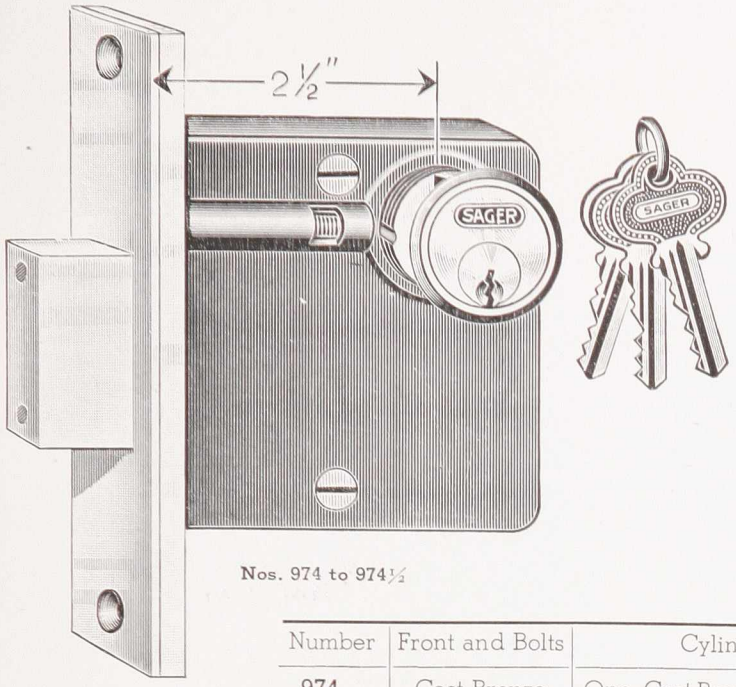
Cannot be master keyed.

REVERSIBLE

Number	Lock and Strike	Key Plate	Tumblers	Key	Changes
955	Cast Bronze	One, Wrought Bronze	None	One	One

Packed each in a box, complete with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE DEAD LOCKS



Nos. 974 to 974½

DIMENSIONS

CASE Japanned iron, 3⅞x3⅝x⅞ inches. Add 1⅛ inches to special backset for width of case.

FRONT Flat, **armored**, 5⅞x1¼ inches.

STRIKE Bronze.

BACKSET Regular, 2½ inches. Special, 2, 2¼, 2¾ and 3 inches.

DEAD BOLT 1 inch throw, 1¾x⅝ inches. Extra heavy, with two case hardened pins in center to prevent cutting of bolt when in locked position.

TURN KNOB Bronze, No. 2403B.

OPERATION

No. 974—By key from one side only.
No. 974T—By key from outside and turn knob inside.
No. 974½—By key from either side.

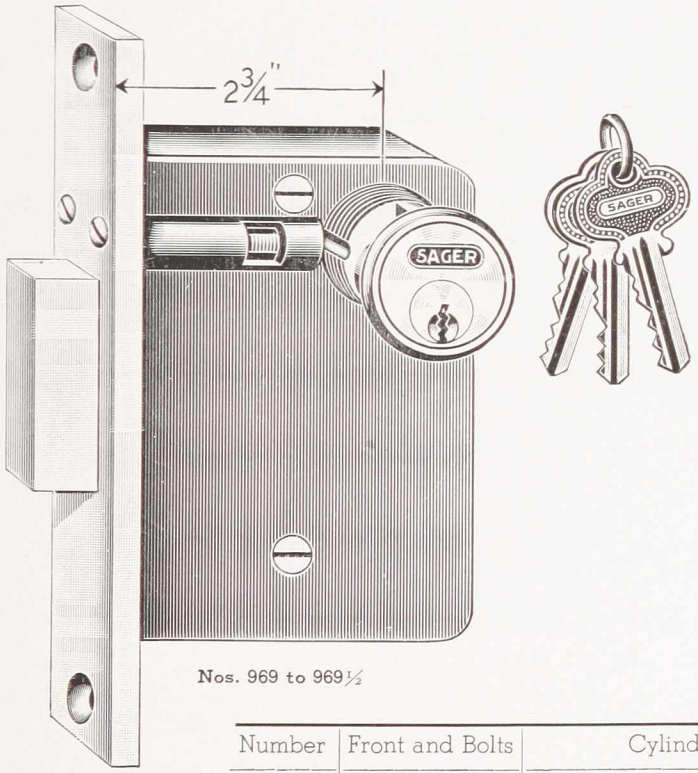
MASTER KEYING

Cylinders can be master keyed with any cylinder using Key Class 88.

REVERSIBLE

Number	Front and Bolts	Cylinders	Turn Knob	Keys	Changes
974	Cast Bronze	One, Cast Bronze, No. 1901	None	Three, 1888	Unlimited
974T	Cast Bronze	One, Cast Bronze, No. 1901	One, No. 2411½	Three, 1888	Unlimited
974½	Cast Bronze	Two, Cast Bronze, No. 1901	None	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.



Nos. 969 to 969½

DIMENSIONS

CASE Japanned iron, 4½x3¾x⅞ inches. Add 1 inch to special backsets for width of case.

FRONT Flat, 6⅞x1¼ inches.

STRIKE Bronze.

BACKSET Regular, 2¾ inches. Special, 1¼, 1½, 1¾, 2 and 2½ in.

DEAD BOLT ⅝ inch throw, 2x⅝ inches.

TURN KNOB Bronze, No. 2403½.

OPERATION

No. 969—By key from one side only.
No. 969T—By key from outside and by turn knob from inside.
No. 969½—By key from either side.

MASTER KEYING

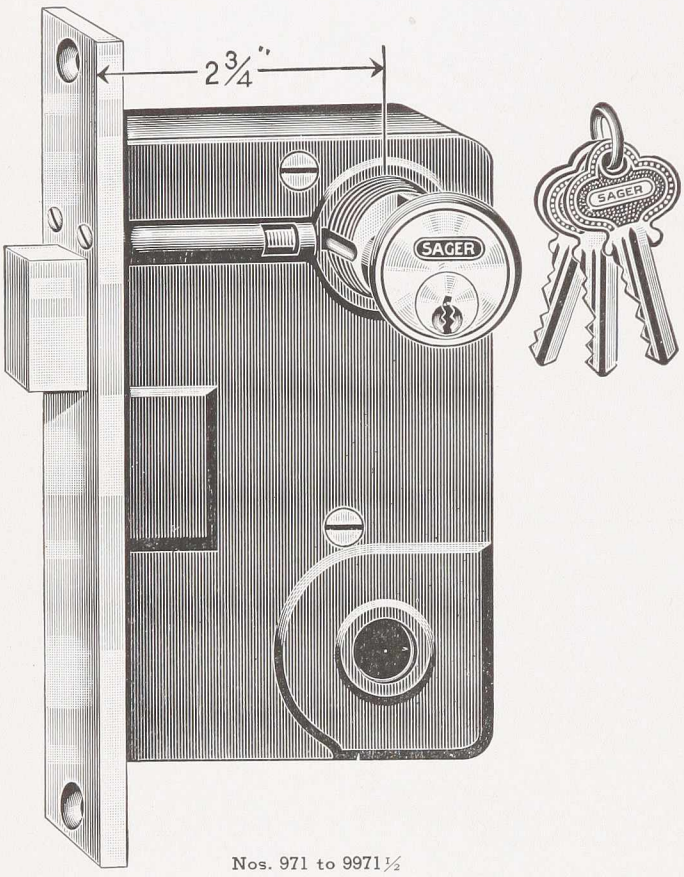
Cylinders can be master keyed with any cylinders using Key Class 88.

REVERSIBLE

Number	Front and Bolts	Cylinders	Turn Knob	Keys	Changes
969	Cast Bronze	One, Cast Bronze, No. 1901	None	Three, 1888	Unlimited
969T	Cast Bronze	One, Cast Bronze, No. 1901	One	Three, 1888	Unlimited
969½	Cast Bronze	Two, Cast Bronze, No. 1901	None	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.

HEAVY DUTY STANDARDIZED MORTISE DEAD LOCKS



Nos. 971 to 9971½

DIMENSIONS

CASE Japanned iron, 6x3⅞x13/16 inches.

FRONT Flat, regular, 8x1¼ inches.
Special, beveled ⅛ inch on 2 inches.

STRIKE Cast bronze, regular, for wood doors.
Cast bronze, special, No. 9 for metal door.
Refer to Page No. 56A for description.

BACKSET 2¾ inches.

DEAD BOLT 9/16 inch throw.

TURN KNOB Bronze, No. 2403½B.

OPERATION

No. 971—By key from one side only.

No. 9971—By key from one side only. Made to template and packed with No. 9 strike and machine screws for metal door and jamb.

No. 971T—By key from outside and turn knob from inside.

No. 9971T—By key from outside and turn knob inside.

Made to template and packed with No. 9 strike and machine screws for metal door and jamb.

No. 971½—By key from either side.

No. 9971½—By key from either side. Made to template and packed with No. 9 strike and machine screws for metal door and jamb.

MASTER KEYING

Cylinders can be master keyed with any cylinders using Key Class 88.

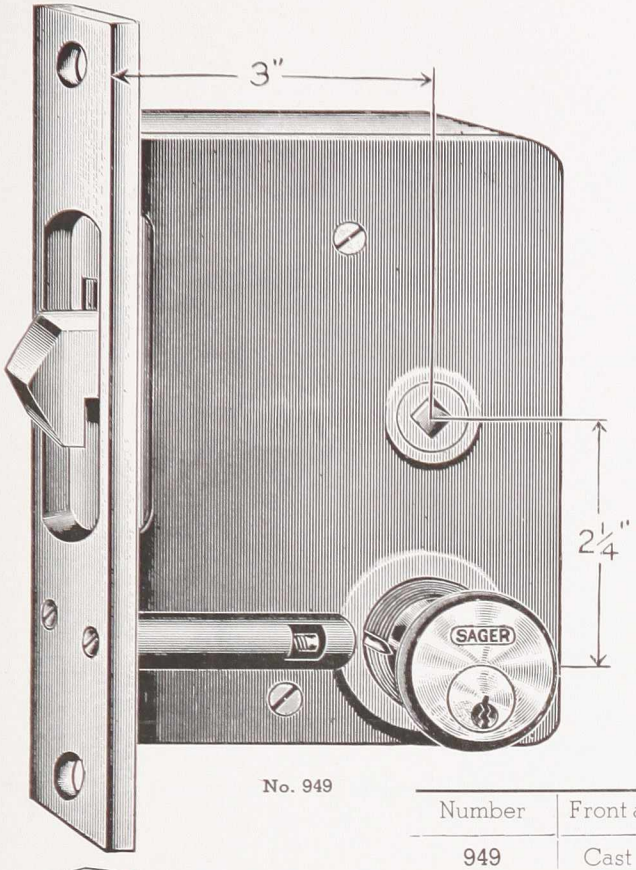
We manufacture a complete series of heavy duty standardized locks which will fit the same mortise dimensions.

REVERSIBLE

Number	Front and Bolts	Cylinders	Turn Knob	Keys	Changes
971	Cast Bronze, Flat	One, Cast Bronze, No. 1901	None	Three, 1888	Unlimited
9971	Cast Bronze, Flat	One, Cast Bronze, No. 1901	None	Three, 1888	Unlimited
971T	Cast Bronze, Flat	One, Cast Bronze, No. 1901	One	Three, 1888	Unlimited
9971T	Cast Bronze, Flat	One, Cast Bronze, No. 1901	One	Three, 1888	Unlimited
971½	Cast Bronze, Flat	Two, Cast Bronze, No. 1901	None	Three, 1888	Unlimited
9971½	Cast Bronze, Flat	Two, Cast Bronze, No. 1901	None	Three, 1888	Unlimited

Packed each in a box, complete with screws.
Beveled front locks not reversible, specify hand described on Page No. 41A.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Specify thickness of door.

MORTISE SLIDING DOOR LOCKS



No. 949

DIMENSIONS

CASE Japanned iron, 5¾x4¼x⅞ inches.
FRONT Flat, 7⅞x1⅜ inches.
STRIKE Cast bronze.
BACKSET 3 inches.
SPACING Center of handle hub to center of cylinder, 2¼ inches.
HUB Bronze, for handle spindle, 5/16 inches.

OPERATION

Lift Bolt, by key from outside and by flush cup handle from inside.

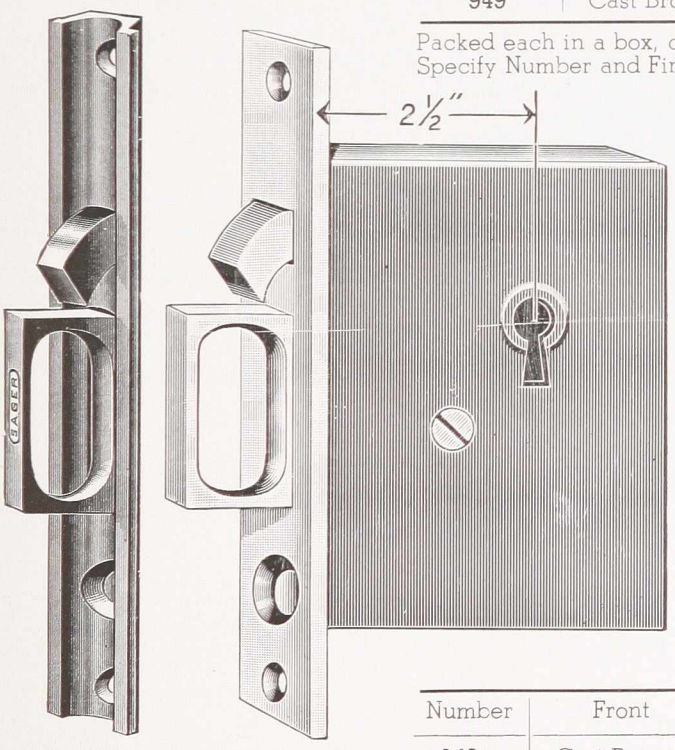
MASTER KEYING

Cylinder can be master keyed with any cylinder using Key Class 88.

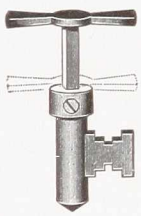
REVERSIBLE

Number	Front and Bolts	Cylinder	Keys	Changes
949	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each in a box, complete with screws. Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



No. 942DA Nos. 942 to 945D



DIMENSIONS

CASE Japanned iron, 4¼x3¾x⅝ inches.
FRONT Flat, 6⅜x1 1/16 inches.
Double astragal, 6⅜x1 1/16 in.
BACKSET Regular, 2½ inches.
Special, 2¾ inches.
PULL Cast bronze.

OPERATION

Hook-Bolt, by key from either side.

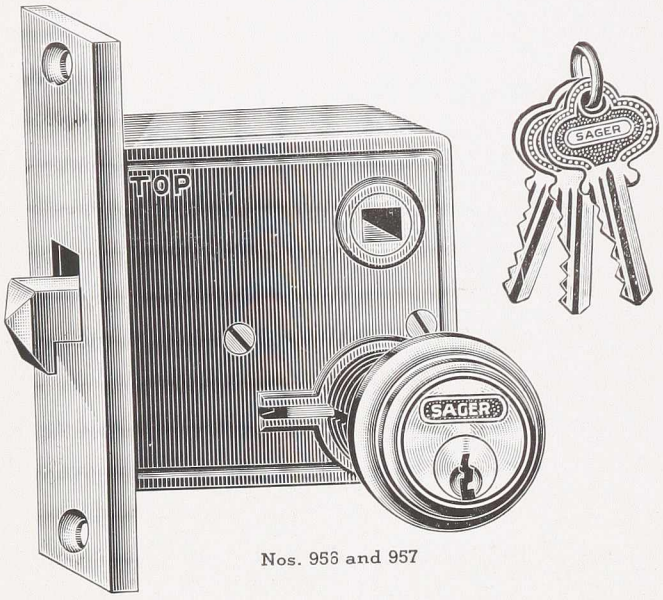
Pull, pressure on push button throws pull out and when door is closed is retracted into lock case.

REVERSIBLE

Number	Front	Bolt and Pull	Key	Change	For Doors
942	Cast Bronze	Cast Bronze	Bronze, No. 1812VV	4	Single, Flat
942D	Cast Bronze	Cast Bronze	Bronze, No. 1812VV	4	Double, Flat
942DA	Cast Bronze	Cast Bronze	Bronze, No. 1812VV	4	Double, Astragal
944	Wrought Bronze	Cast Bronze	Bronze, No. 1812VV	4	Single, Flat
944D	Wrought Bronze	Cast Bronze	Bronze, No. 1812VV	4	Double, Flat
945	Wrought Steel	Cast Bronze	Bronze, No. 1812VV	4	Single, Flat
945D	Wrought Steel	Cast Bronze	Bronze, No. 1812VV	4	Double, Flat

Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE SLIDING DOOR LOCK



Nos. 956 and 957

DIMENSIONS

CASE	Japanned iron, 3¼x3½x¾ inches.
FRONT	Flat, 5¼x1 inches.
STRIKE	Cast Bronze.
BACKSET	2¾ inches.
HUB	Bronze, for knob spindle, 5/16 inches **on the square.**
LATCH	Projection ¾ inches.
TURN KNOB	No. 2141¾x01937 spindle.

OPERATION

No. 956—By key from outside at all times. By knob from inside.

No. 957—By key from both sides, knob being omitted.

MASTER KEYING

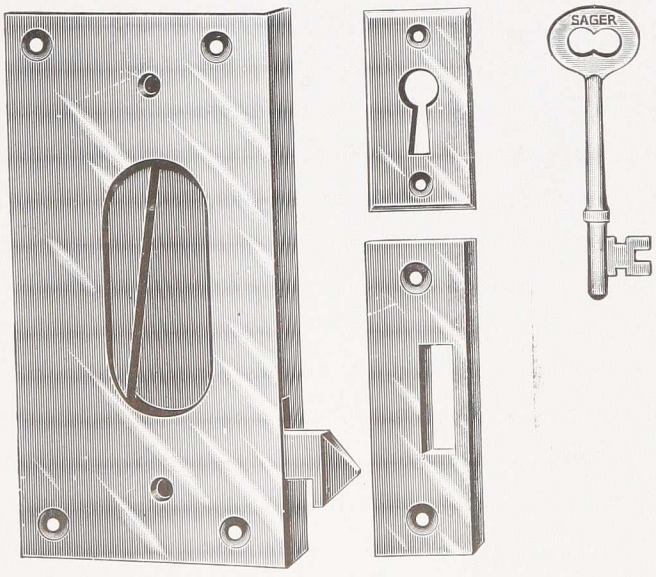
Cylinder can be master keyed with any cylinder using Key Class 88.

REVERSIBLE

Number	Front and Bolt	Cylinder	Keys	Turn Knob	Changes
956	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	One, Cast Bronze	Unlimited
957	Cast Bronze	Two, Cast Bronze, No. 1901	Three, 1888	None	Unlimited

Packed each in a box, complete with screws. Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

ELEVATOR LATCH



No. 955

Cut Show Left Hand Lock

DIMENSIONS

CASE	Cast Bronze, 5⅛x2⅝x⅝ inches.
FRONT	Flat, 5⅛x⅞ inches.
STRIKE	Cast Bronze, 2⅛x$^{13}/_{16}$x$^{3}/_{32}$ inches.
BACKSET	Front, to center of key hole, 1⅝ inches. Front, to center of cup, 1⅜ inches.
KEY PLATE	Wrought Bronze, No. 2502.
DEPTH OF	Half mortise, ½ inch.
LIFT LATCH	Projection, ⅝ inches.

OPERATION

Latch, by key from outside at all times. By flush finger lever from inside at all times.

MASTER KEYING

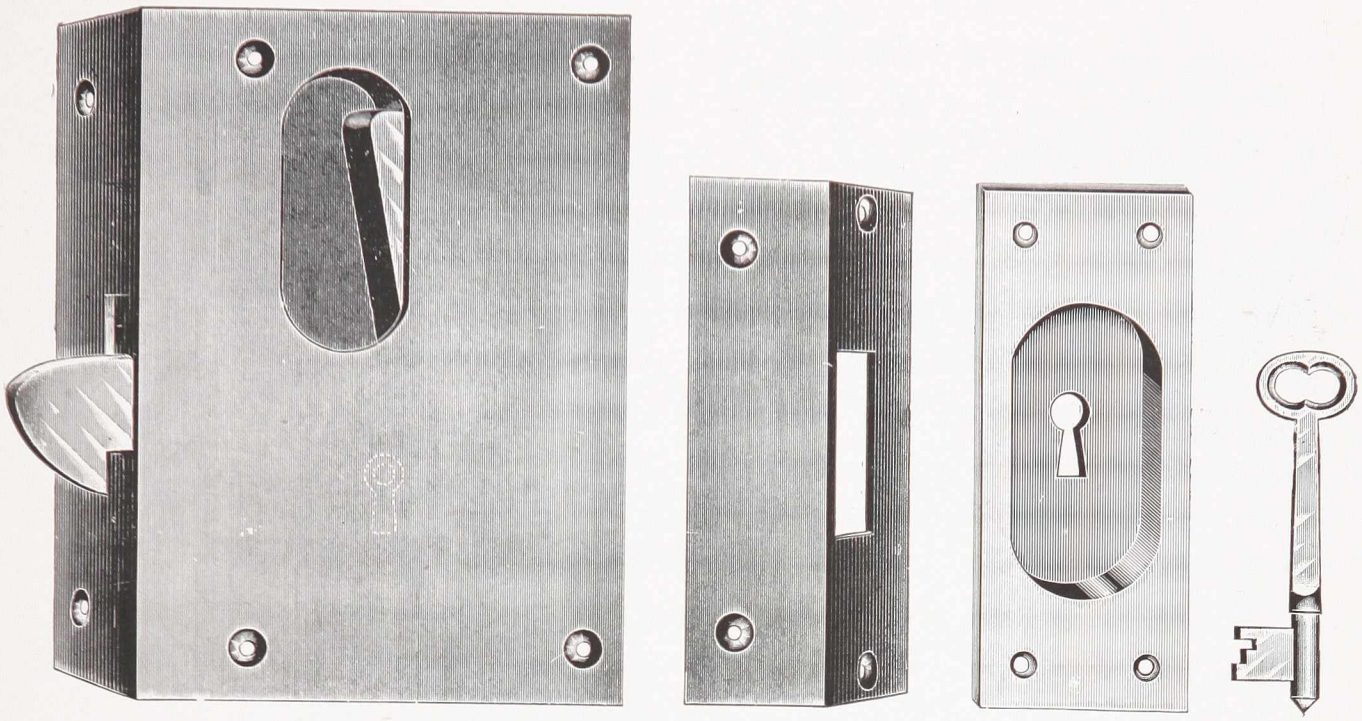
Cannot be master keyed.

REVERSIBLE

Number	Lock and Strike	Key Plate	Tumblers	Key	Changes
955	Cast Bronze	One, Wrought Bronze	None	One, Class Key	One

Packed each in a box, complete with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.

BARN DOOR LOCK



Nos. 950 and 951 Cut Shows Right Hand

DIMENSIONS

CASE	Cast, 6½x4¾x¾ inches.
FRONT	6⅜x1¼ inches.
STRIKE	Cast, 4⅞x1½x1⅜ inches.
BACKSET	2 3/16 inches.
CUP ESCUTCHEON	Cast, 5x1⅞x 7/16 inches.
DEPTH OF HALF MORTISE OF LOCK	¾ inches.
DEPTH OF MORTISE OF ESCUTCHEON	7/16 inches.
LIFT LATCH PROJECTION	1 3/16 inches.

OPERATION

Latch, by key from outside at all times. By flush finger lever from inside at all times.

MASTER KEYING

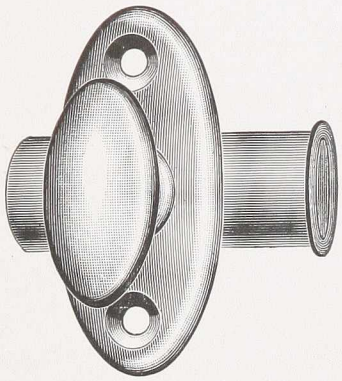
Cannot be master keyed.

NOT REVERSIBLE

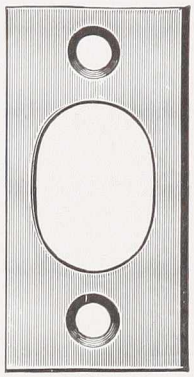
Number	Lock and Strike	Escutcheon	Tumblers	Keys	Changes	Finish
950	Cast Bronze	Cast Bronze	Three, Steel	One, Bronze	30	Polished
951	Cast Iron	Wrought Steel	Three, Steel	One, Bronze	30	Japanned

Packed each in a box, complete with screws.
Not reversible—specify hand described on Page No. 41A.

MORTISE DOOR BOLTS



No. 978

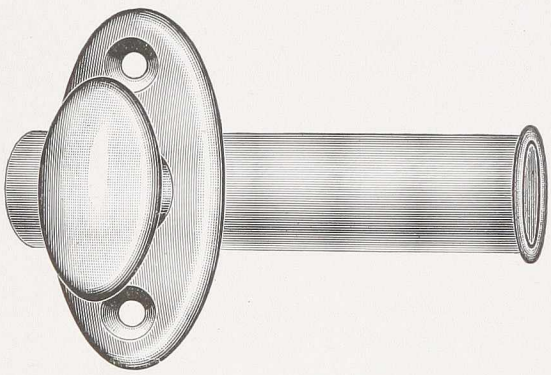


DIMENSIONS

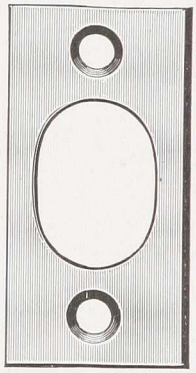
CASE	Wrought brass, 9/16 diameter x 1 1/2 inches.
STRIKE	Wrought brass, 1 3/4 x 7/8 inches.
BACKSET	1 inch.
BOLT	Wrought steel, 1/2 inch throw.
TURN KNOB PLATE	Wrought bronze, 1 3/4 x 3/4 inches.
TURN KNOB	Cast bronze, 1 1/8 x 1/2 inches.

Number	Bolt	Case	Turn Knob Plate	Turn Knob
978	Wrought Steel	Wrought Bronze	Wrought Bronze	Cast Bronze

Packed 1 dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



No. 979



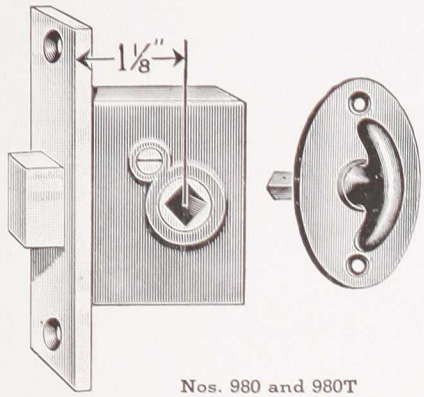
DIMENSIONS

CASE	Wrought brass, 9/16 diameter x 2 1/2 inches.
STRIKE	Wrought brass, 1 3/4 x 7/8 in.
BACKSET	1 3/4 inches.
BOLT	Wrought steel, 1/2 inch throw.
TURN KNOB PLATE	Wrought bronze, 1 3/4 x 3/4 in.
TURN KNOB	Cast bronze, 1 1/8 x 1/2 inches.

Number	Bolt	Case	Turn Knob Plate	Turn Knob
979	Wrought Steel	Wrought Bronze	Wrought Bronze	Cast Bronze

Packed 1 dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE DOOR BOLTS



Nos. 980 and 980T

DIMENSIONS

CASE Japanned iron, 1 ⅞x1 ⅝x⁹⁄₁₆ inches.
FRONT Flat, 3½x¹³⁄₁₆ inches.
STRIKE Bronze.
BACKSET 1⅛ inches.
HUB Bronze, for turn knob spindle, ³⁄₁₆ inch.
BOLT ½ inch throw.

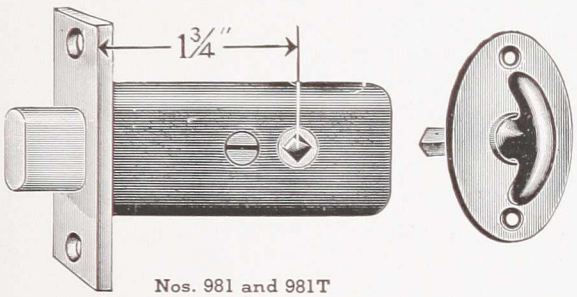
OPERATION

By turn knob from one side.

REVERSIBLE

Number	Front and Bolt	Description	Turn Knob
980	Cast Bronze	Bolt Only	None
980T	Cast Bronze	One, Turn Knob	No. 2403B

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



Nos. 981 and 981T

DIMENSIONS

CASE Japanned iron, 1 ¼x2 ⅝x½ inches.
FRONT Flat, 2½x¾ inches.
STRIKE Bronze.
BACKSET 1¾ inches.
HUB Bronze, for turn knob spindle, ³⁄₁₆ inch.
BOLT ½ inch throw.

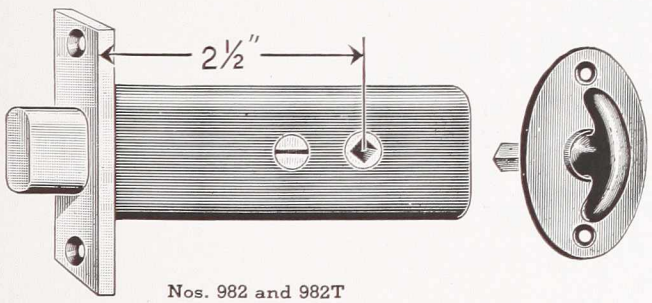
OPERATION

By turn knob one side.

REVERSIBLE

Number	Front and Bolt	Description	Turn Knob
981	Cast Bronze	Bolt Only	None
981T	Cast Bronze	One, Turn Knob	No. 2403B

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



Nos. 982 and 982T

DIMENSIONS

CASE Japanned iron, 1 ¼x3½x½ inches.
FRONT Flat, 2½x¾ inches.
STRIKE Bronze.
BACKSET 2½ inches.
HUB Bronze, for turn knob spindle, ³⁄₁₆ inch.
BOLT ⅝ inch throw.

OPERATION

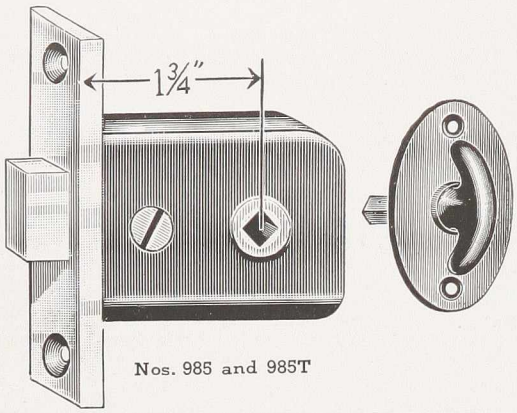
By turn knob one side.

REVERSIBLE

Number	Front and Bolt	Description	Turn Knob
982	Cast Bronze	Bolt Only	None
982T	Cast Bronze	One, Turn Knob	No. 2403B

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MORTISE DOOR BOLTS



Nos. 985 and 985T

DIMENSIONS

CASE Japanned iron, 1½x2½x½ inches.
FRONT Flat, 3½x¾ inches.
STRIKE Wrought.
BACKSET 1¾ inches.
HUB Bronze, for turn knob spindle, 3/16 inches.
BOLT 7/16 inch throw.

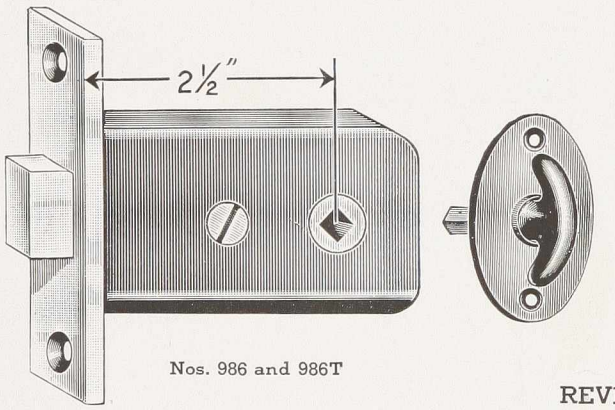
OPERATION

By turn knob one side

REVERSIBLE

Number	Front and Bolts	Description	Turn Knob
985 985T	Cast Bronze Cast Bronze	Bolt Only One, Turn Knob	None No. 2403B

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



Nos. 986 and 986T

DIMENSIONS

CASE Japanned iron, 1½x3¼x½ inches.
FRONT Flat, 3½x¾ inches.
STRIKE Wrought.
BACKSET 2½ inches.
HUB Bronze, for turn knob spindle, 3/16 inches.
BOLT 7/16 inch throw.

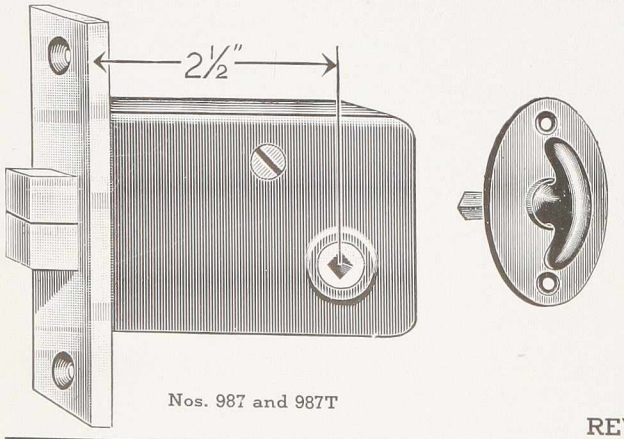
OPERATION

By turn knob one side.

REVERSIBLE

Number	Front and Bolts	Description	Turn Knob
986 986T	Cast Bronze Cast Bronze	Bolt Only One, Turn Knob	None No. 2403B

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



Nos. 987 and 987T

DIMENSIONS

CASE Japanned iron, 2x3¼x5/8 inches.
FRONT Flat, 3⅞x⅞ inches.
STRIKE Wrought.
BACKSET 2½ inches.
HUB Bronze, for turn knob spindle, 3/16 inch.
BOLT ½ inch throw.

OPERATION

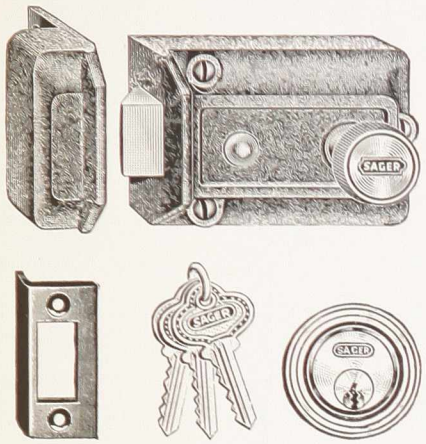
Split Bolt, by separate turn knob from either side.

REVERSIBLE

Number	Front and Bolts	Description	Turn Knob
987 987T	Cast Bronze Cast Bronze	Bolt Only Two, Turn Knob	None No. 2403B

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CYLINDER RIM SPRING LATCHES AND DEAD LATCHES



Nos. 1005 Springlatch and 1006 Deadlatch

DIMENSIONS

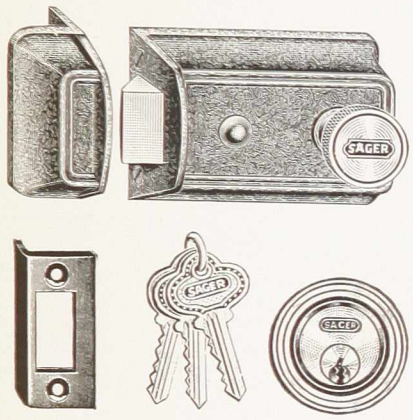
CASE Iron, wrinkled black finish, 2½x3⅝x1⅛ inches.
CYLINDER Brass finish, five pin-tumblers.
KEYS Three, No. 1888, 7000 key changes.
BACKSET 2⅜ inches.
For doors 1 to 2½ inches thick, either right or left hand.
Rim strike used for doors opening in. Flat strike used for doors opening out, (reverse bevel) by reversing the bolt.

OPERATION

No. **1005** from outside by key, from inside by knob. Bolt may be held back by stop.
No. **1006** same as above, but bolt may be deadlocked by stop, so that key will not unlock it.
These latches can be master keyed in one group in any number up to 150. They **cannot** be master keyed in sets with any other locks.

Number	Bolt	Knobs
1005	Iron, Brass Plated	Brass Finished
1006	Iron, Brass Plated	Brass Finished

Packed, each in a box, complete with screws, rim and flat strikes.
Weight, each 1⅜ lbs.



Nos. 1001 Springlatch and 1002 Deadlatch

DIMENSIONS

CASE Iron, wrinkled brass finish, 2⅜x3½x1¼ inches.
CYLINDER No. 1902, five pin-tumblers.
KEYS Three, No. 1888, changes, practically unlimited.
BACKSET 2⅜ inches.
For doors 1 to 2½ inches thick, either right or left hand.
Rim strike used for doors opening in. Flat strike used for doors opening out, (reverse bevel) by reversing the bolt.

OPERATION

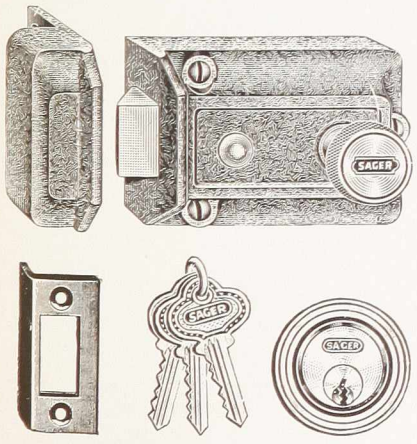
No. **1001** from outside by key, from inside by knob. Bolt may be held back by stop.
No. **1002** same as above, but bolt may be deadlocked by stop so that key will not unlock it.

MASTER KEYING

Can be master keyed with any cylinder using key class 88.

Number	Bolt	Cylinder and Knobs
1001	Brass	Brass, Buffed
1002	Brass	Brass, Buffed

Packed, each in a box, complete with screws, rim and flat strikes and template. Weight, each 1½ lbs.



Nos. 1003 Springlatch and 1004 Deadlatch

DIMENSIONS

CASE Iron, wrinkled brass finish, 2½x3⅝x1⅛ inches.
CYLINDER No. 1902, five pin-tumblers.
KEYS Three, No. 1888, changes, practically unlimited.
BACKSET 2⅜ inches.
For doors 1 to 2½ inches thick, either right or left hand.
Rim strike used for doors opening in. Flat strike used for doors opening out, (reverse bevel) by reversing the bolt.

OPERATION

No. **1003** from outside by key, from inside by knob. Bolt may be held back by stop.
No. **1004**, same as above, but bolt may be deadlocked by stop so that key will not unlock it.

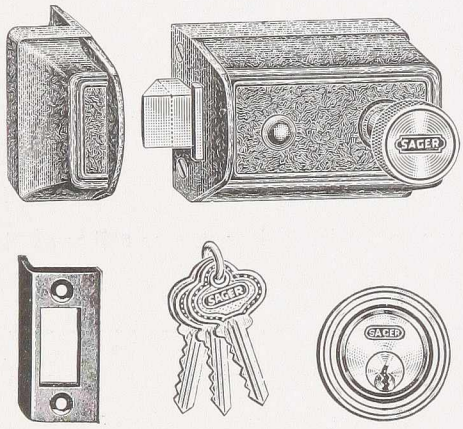
MASTER KEYING

Can be master keyed with any cylinder using key class 88.

Number	Bolt	Cylinder and Knobs
1003	Brass	Brass, Buffed
1004	Brass	Brass, Buffed

Packed: each in a box, complete with screws, rim and flat strikes. Weight, each 1½ lbs.

CYLINDER RIM SPRING LATCHES AND DEAD LATCHES



Nos. 1008 and 1008RB—Deadlatches with Automatic Deadlocking Bolt

DIMENSIONS

CASE Iron, wrinkled brass finish, 2⅜x3½x1½ inches.
CYLINDER No. 1902, five pin-tumblers.
KEYS Three, No. 1888, changes, practically unlimited.
BACKSET 2⅜ inches.
For doors 1 to 2½ inches thick, either right or left hand, opening in.
Not Reversible—For doors opening out, use 1008RB.

OPERATION

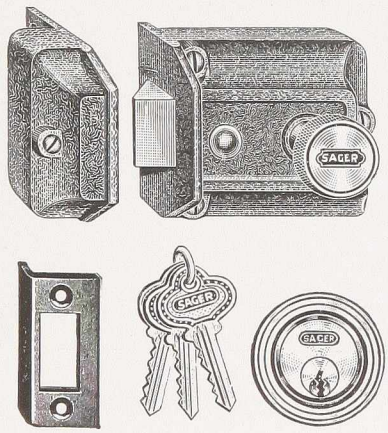
From outside by key, from inside by knob. Bolt may be held back by stop. The latch bolt has a ½ inch projection, but when door is closed it is automatically thrown forward an additional ⅜ inch into a deadlocked position by the action of the slide which remains retracted when door is closed. Bolt can always be retracted by key or knob.

MASTER KEYING

Can be master keyed with any cylinder using key class 88.

Number	Strike	Bolt	Cylinder and Knobs
1008	Rim	Brass	Brass, Buffed
1008RB	Rev. Bevel	Brass	Brass, Buffed

Packed: Each in a box, complete with screws, strike and template weight, each 1¾ lbs.



No. 1009—Springlatch

Suitable for doors with narrow stiles.

DIMENSIONS

CASE Iron, wrinkled brass finish, 2⅜x2¾x1⅛ inches.
CYLINDER No. 1902, five pin-tumblers.
KEYS Three, No. 1888, changes, practically unlimited.
BACKSET 1⅝ inches.
For doors 1 to 2½ inches thick, either right or left hand.
Rim strike used for doors opening in. Flat strike used for doors opening out, (reverse bevel) by reversing the bolt.

OPERATION

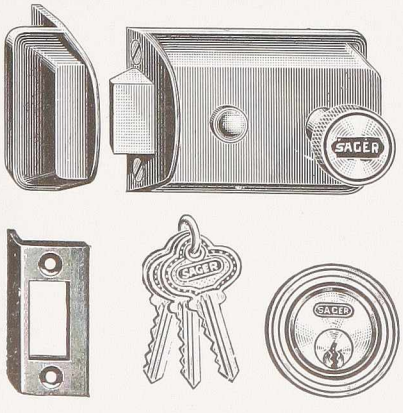
From outside by key, from inside by knob. Bolt may be held back by stop.

MASTER KEYING

Can be master keyed with any cylinder using key class 88.

Number	Bolt	Cylinder and Knobs
1009	Brass	Brass, Buffed

Packed: Each in a box, complete with screws, rim and flat strikes. Weight, each 1⅜ lbs.



No. 1010—Springlatch

DIMENSIONS

CASE Bronze, buffed finish, 2¼x3½x1¼ inches.
CYLINDER No. 1902, five pin-tumblers.
KEYS Three, No. 1888, changes, practically unlimited.
BACKSET 2⅜ inches.
For doors 1 to 2½ inches thick, either right or left hand.
Rim strike used for doors opening in. Flat strike used for doors opening out, (reverse bevel) by reversing the bolt.

OPERATION

From outside by key, from inside by knob.
Bolt may be held back by stop.

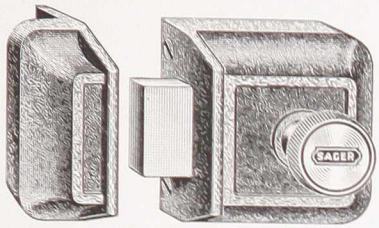
MASTER KEYING

Can be master keyed with any cylinder using key class 88.

Number	Bolt	Cylinder and Knobs
1010	Bronze	Bronze, Buffed

Packed: Each in a box, complete with screws, rim and flat strikes and template. Weight, each 1¾ lbs.

CYLINDER RIM DEADLOCKS



No. 1012—Deadlocks

Suitable for doors or gates with a narrow stile.

CASE Iron, wrinkled brass finish, 2¾x2½x1 5/16 inches.

CYLINDER No. 1902, five pin tumblers.

KEYS Three, No. 1888; changes, practically unlimited.

BOLT Heavy brass, 1¼x⅜ inches; 11/16 inch throw.

BACKSET 1¼ inches.

For doors 1 to 2½ inches thick, either right or left hand.

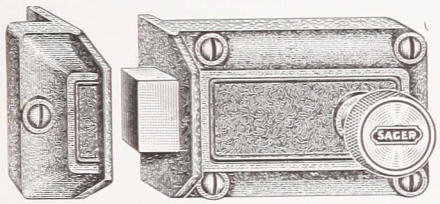
Rim strike used for doors opening in. Flat strike used for doors opening out (reverse bevel).

OPERATION

From outside by key, from inside by knob.
Bolt has an extra long throw.

Number	Bolt	Cylinder and Knob
1012	Brass	Brass, buffed

Packed each in a box, complete with screws, rim and flat strikes and template. Weight each, 1¾ pounds.



No. 1013—Deadlocks

Suitable for general use on doors, gates, etc., where a deadlock is required.

CASE Iron, wrinkled brass finish, 2¼x3⅝x1 3/16 inches.

CYLINDER No. 1902, five pin tumblers.

KEYS Three, No. 1888; changes, practically unlimited.

BOLT Brass, 1x½ inches; ⅝ inch throw.

BACKSET 2⅜ inches.

For doors 1 to 2½ inches thick, either right or left hand.

Rim strike used for doors opening in. Flat strike used for doors opening out (reverse bevel).

OPERATION

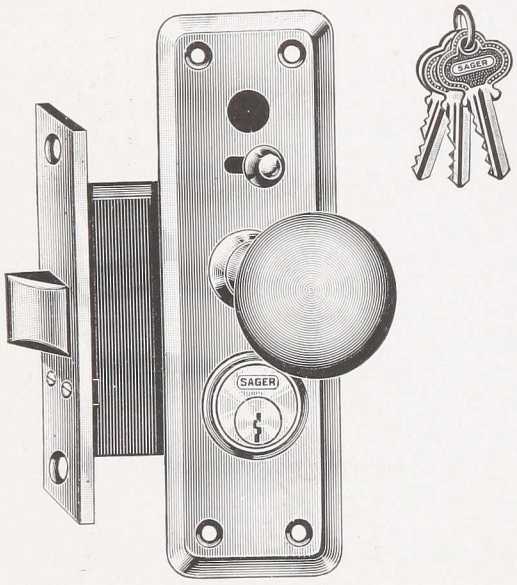
From outside by key, from inside by knob.

Number	Bolt	Knob	Cylinder
1013	Brass	Brass	Brass, buffed

Packed each in a box, complete with screws, rim and flat strikes. Weight, each 1⅝ pounds.

COUPON BOOTH LATCH SETS

WITH INDICATOR



No. PC116

LOCK DIMENSIONS

CASE	Japanned iron, 3⅝x3⅜x¾ inches.
FRONT	Flat, 5¾x1 inches.
STRIKE	Center of opening to end of lip, 1½ inches.
SPACING	Center of knob hub to center of cylinder, 1⅞ in.
BACKSET	2½ inches.
TRIM	
KNOBS	Cast bronze, 2¼ inches.
ESCUTCHEONS	Outside, cast bronze, 8x2½ inches.
ESCUTCHEONS	Inside, cast bronze, 6x2 inches.

OPERATION

Latch Bolt, by key from outside only. Outside knob rigid. By inside knob at all times. The indicator is set on white, by thumb button on escutcheon and door left partly open showing booth is unoccupied. When the door is closed the indicator remains on white, showing booth is occupied. When inside knob is turned to open door, throws indicator on red, showing booth is unoccupied and ready for inspection.

KEYING

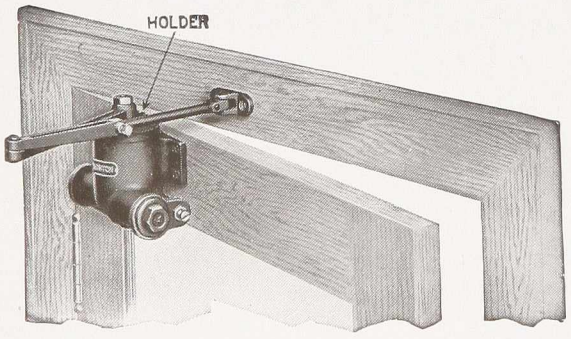
Keyed alike unless otherwise specified. Can be set up subject to master and grand master key of Key Class 88 when specified.

NOT REVERSIBLE—Type "M" Construction, Page No. 51A

Number	Front	Bolts	Cylinders	Keys	Changes
PC116	Cast Bronze	Cast Bronze	One, Cast Bronze, No. 1901	Three, 1888	Unlimited

Packed each set in a box, complete with screws.
Specify finish on Page No. 32A.
Specify hand, Page No. 41A.

COUPON BOOTH DOOR CLOSER



Sizes B-CB and C-CB

DESCRIPTION

A coupon booth serves a special purpose and requires a special closer. Its function is to close the door surely while the booth is occupied to insure privacy. Also, after the user has departed the Coupon Booth Door Closer protects anything that may have been left in the booth by mistake. Then the special functions of this closer are apparent after the guard has unlocked the door and inspected the booth. He opens the door a few inches and the closer holds it there. This ventilates the booth, also enables the guard to tell at a glance the booths which are unoccupied. This closer operates just like the Three-Point Holder Closer with the exception that it holds the door at only one point.

REVERSIBLE—For Right or Left Hand Door, by Reversing Spring

Size	Material	For Doors Where Normal Conditions Prevail	Packed in Case	Weight Per Case
B-CB	Iron	Light Doors—2'8"x7'0"x1⅜"	12	122 Pounds
C-CB	Iron	Heavy Doors—3'0"x7'0"x1¾"	12	155 Pounds

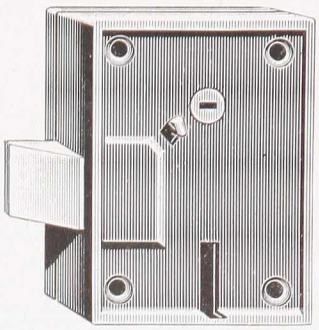
Packed each in a box, complete with screws.
Specify if regulating key in place of regulating screw is required, Page No. 408.
Specify if solid bronze metal is required.
Gold Bronze finish will be shipped unless otherwise specified. Page No. 395.
For other door closers, see Pages No. 395 to 409.
Can be furnished with bracket for inside installation by specifying.

RIM GARAGE LOCK

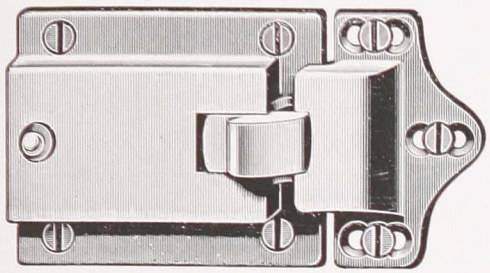
CYLINDER

BLACK JAPANNED FINISH

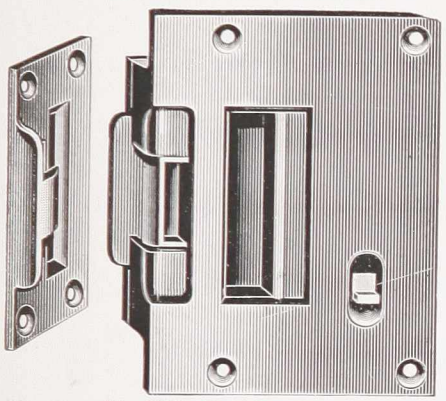
No. 1902 Cylinder—For All Garage Locks



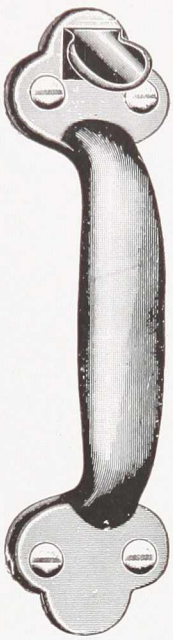
Inside View No. 1050 Lock



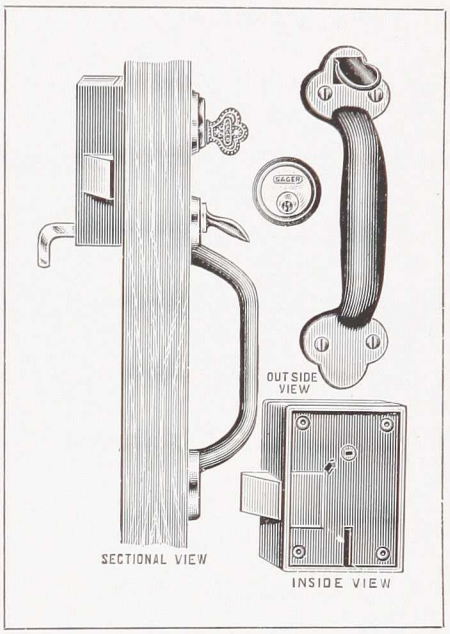
*No. 1055—For Double Doors



No. 1060—Half Mortise For Sliding Doors



Outside View Handle for No. 1050 Only



Sectional View No. 1050

OPERATION

No. 1050—Operated by thumb latch from both sides when not dead locked. Locked or unlocked by key from outside or thumb slide on inside. The latch bolt becomes a dead bolt when locked by key or slide.

No. 1055—Operated by key from outside or thumb latch from inside. Latch bolt can be held retracted by stop.

No. 1060—Operated by key from outside or retracting poll from inside. Latch bolt can be held retracted by stop.

MASTER KEYING—Can be master keyed with any cylinder using key class 88.

Packed—No. 1050 set one in a box. Nos. 1055 and 1060—one lock in a box.

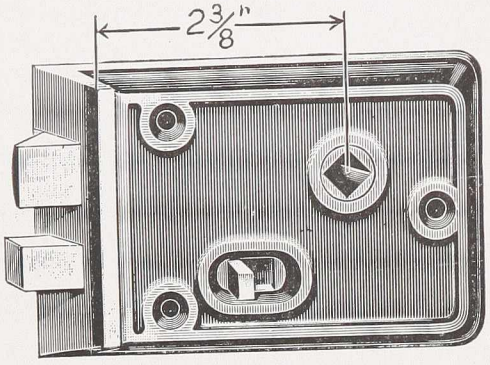
REVERSIBLE

Number	Size	MATERIAL			Backset	Thickness of Doors
		Case	Latch	Strike		
1050	4 1/4x3 7/8 in.	Cast Iron	Cast Bronze	Cast Iron	2 1/2 in.	7/8 to 2 1/2 in.
*1055	3 1/2x4 5/16 in.	Cast Iron	Cast Iron	Cast Iron	3 in.	7/8 to 2 1/2 in.
1060	5 3/8x4 in.	Cast Iron	Mall. Iron	Mall. Iron	2 7/8 in.	1 1/2 to 3 in.

*No. 1055 lock can be furnished with strike for single doors, when so ordered.
No. 1050 set can be furnished with other types of sectional handles.
Packed each in a box, complete with screws.

RIM KNOB LATCHES AND DEAD LOCKS

BLACK JAPANNED FINISH



No. 1040—Latch
Type No. 1040RB—Latch

DIMENSIONS

CASE Japanned iron, 2⅝x3¾x¾ inches.

REVERSIBLE No. 1040, rim strike doors opening in. No. 1040RB, mortise strike for doors opening out (reverse bevel).

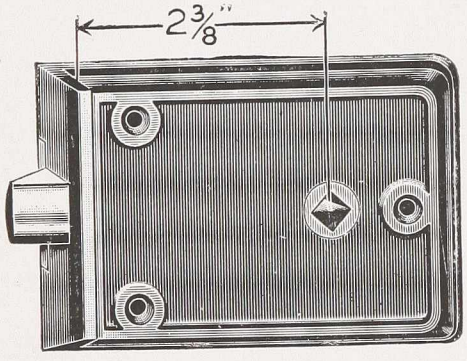
BACKSET 2⅜ inches.

HUB Iron, for knob spindle, 5/16 inches.

LATCH SPRING Brass, compression.

OPERATION

Latch Bolt, by knobs from either side.
Slide Bolt, by thumb slide from inside.



No. 1041—Latch
Type No. 1041RB—Latch

DIMENSIONS

CASE Japanned iron, 2⅝x3¾x¾ inches.

REVERSIBLE No. 1041, rim strike for doors opening in. No. 1041RB, mortise strike for door opening out (reverse bevel).

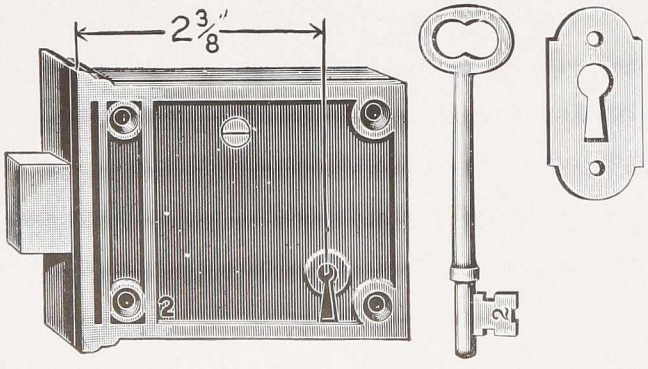
BACKSET 2⅜ inches.

HUB Iron, for knob spindle, 5/16 inches.

LATCH SPRING Brass, compression.

OPERATION

Latch Bolt, by knob from either side.



No. 1046—Dead Lock

DIMENSIONS

CASE Japanned iron, 2½x3¼x¾ inches.

BACKSET 2⅜ inches.

OPERATION

Dead Bolt, by key from either side.

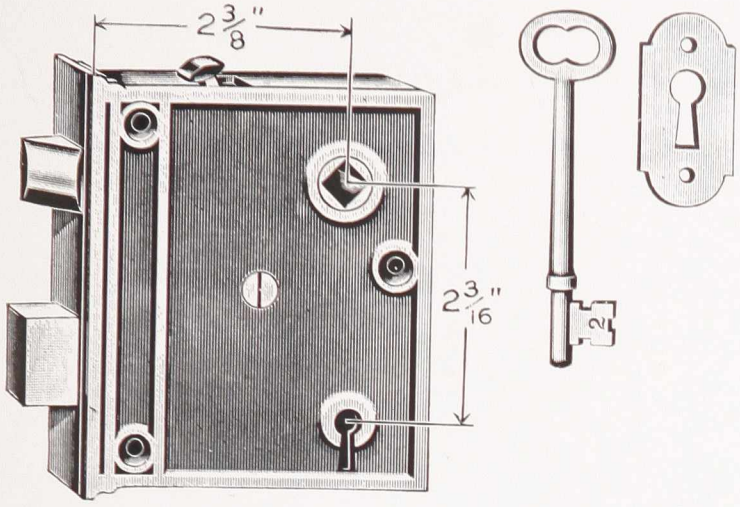
REVERSIBLE

Number	Bolts	Key	Tumbler	Changes	Key Escutcheon	Weight Dozen
1040	Cast Iron	.....	.....	.....	.....	11 Lbs.
1040RB	Cast Iron	.....	.....	.....	.....	11 Lbs.
1041	Cast Iron	.....	.....	.....	.....	11 Lbs.
1041RB	Cast Iron	.....	.....	.....	.....	11 Lbs.
1046	Cast Iron	One, No. 1819R	One, Steel	4	No. 02518	11 Lbs.

No. 1819 Key is cadmium plated.
Packed ½ dozen in a box, complete with screws.

RIM KNOB LOCKS

BLACK JAPANNED FINISH



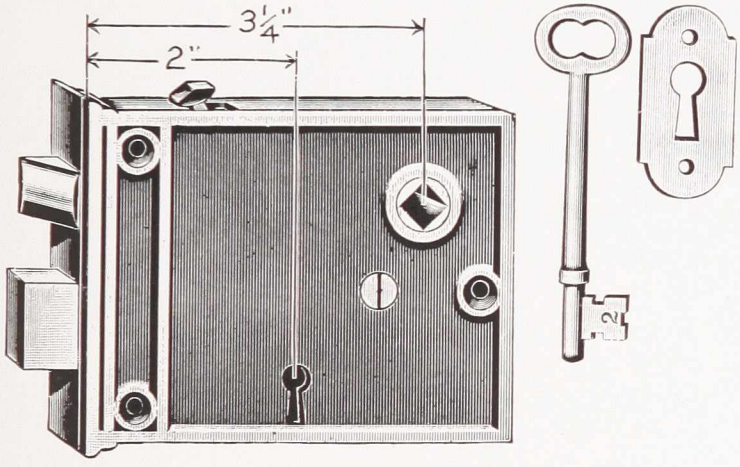
No. 1030
Type No. 1030RB
Type No. 1032
Type No. 1032RB

DIMENSIONS

CASE	Japanned iron, 3¾x3¼x¾ in.
REVERSIBLE	Nos. 1030 and 1032, rim strikes for doors opening in. Nos. 1030RB and 1032RB, mortise strike for doors opening out (reverse bevel).
SPACING	2 3/16 inches.
BACKSET	2⅜ inches.
HUB	Iron, for knob spindle, 5/16 inch.
LATCH SPRING	Brass, compression.

OPERATION

Latch Bolt, by knobs from either side. Stop on case, dead locks the latch bolt.
Dead Bolt, by key from either side.



No. 1035
Type No. 1035RB
Type No. 1037
Type No. 1037RB

DIMENSIONS

CASE	Japanned iron, 3⅛x4x¾ inches.
REVERSIBLE	Nos. 1035 and 1037, rim strikes for doors opening in. Nos. 1035RB and 1037RB mortise strikes for doors opening out (reverse bevel).
BACKSET	To Hub, 3¼ inches. To Key, 2 inches.
HUB	Iron, for knob spindle, 5/16 inch.
LATCH SPRING	Brass, compression.

OPERATION

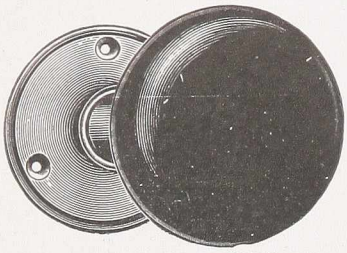
Latch Bolt, by knob from either side. Stop on case dead locks the latch bolt.
Dead Bolt, by key from either side.

REVERSIBLE

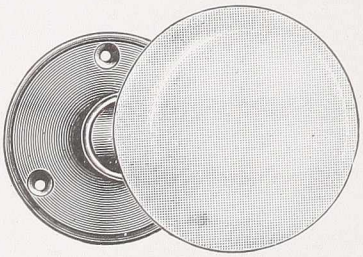
Number	Bolts	Key	Tumbler	Changes	Key Escutcheon	Weight Dozen
1030	Cast Iron	One, No. 1819R	One, Steel	4	No. 02518	14 Lbs.
1030RB	Cast Iron	One, No. 1819R	One, Steel	4	No. 02518	14 Lbs.
1032	Cast Brass	One, No. 1819R	One, Steel	4	No. 02518	14 Lbs.
1032RB	Cast Brass	One, No. 1819R	One, Steel	4	No. 02518	14 Lbs.
1035	Cast Iron	One, No. 1819R	One, Steel	4	No. 02518	14 Lbs.
1035RB	Cast Iron	One, No. 1819R	One, Steel	4	No. 02518	14 Lbs.
1037	Cast Brass	One, No. 1819R	One, Steel	4	No. 02518	14 Lbs.
1037RB	Cast Brass	One, No. 1819R	One, Steel	4	No. 02518	14 Lbs.

No. 1819R key is cadmium plated.
Packed ½ dozen in a box, complete with screws. 6 dozen in a carton. Weight per carton 98 pounds.

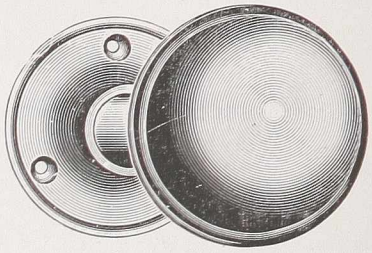
RIM KNOB LOCK AND LATCH SETS



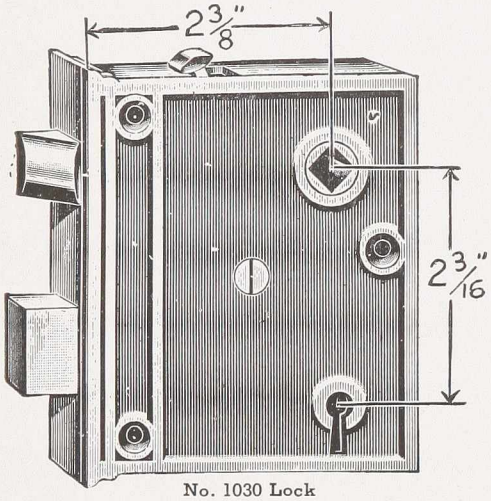
No. J02102¼ x 1/02005



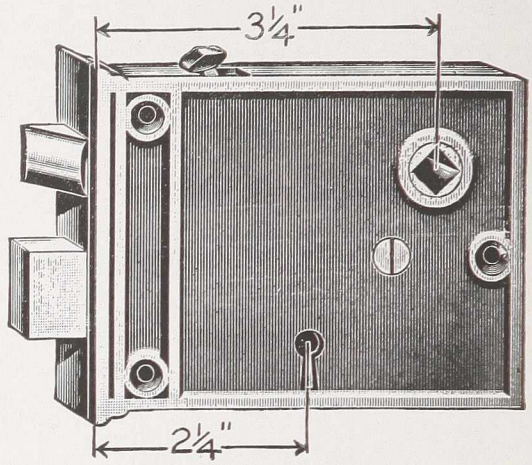
No. P02102¼ x 1/02005



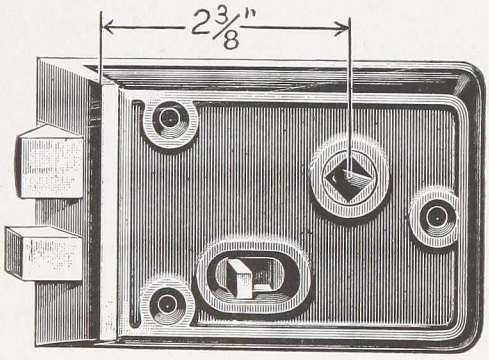
No. 02122¼ x 1/02005



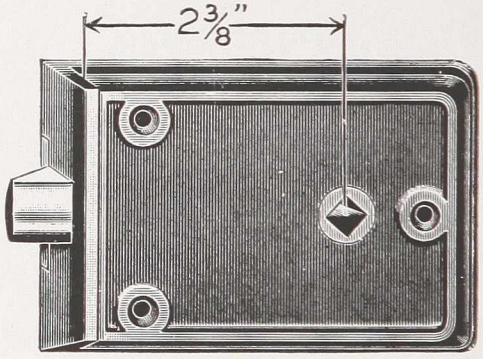
No. 1030 Lock



No. 1035 Lock



No. 1040 Latch



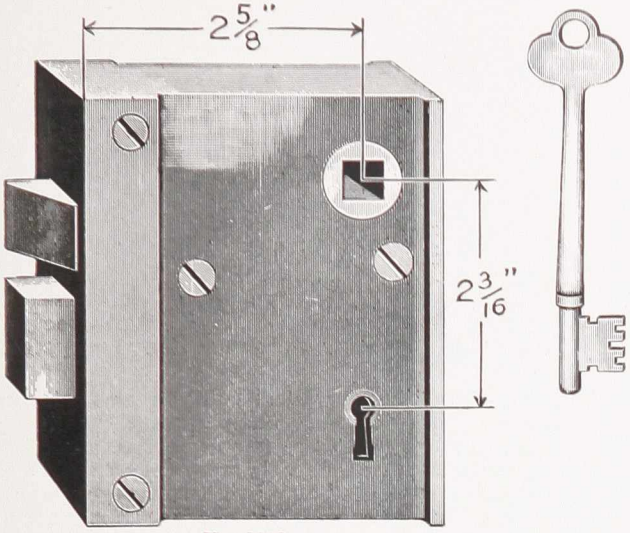
No. 1041 Latch

Number	Lock and Latch		Knobs	Rose One Only	Key Escutcheon One Only	Weight of Carton 30 Sets
	Number	Page				
J1030	1030	.....	J02102¼	No. 02005	No. 02518	64 Lbs.
M1030	1030	.....	M02102¼	No. 02005	No. 02518	64 Lbs.
P1030	1030	.....	P02102¼	No. 02005	No. 02518	64 Lbs.
S1030	1030	.....	02122¼	No. 02005	No. 02518	58 Lbs.
J1032	1032	.....	J02102¼	No. 02005	No. 02518	64 Lbs.
M1032	1032	.....	M02102¼	No. 02005	No. 02518	64 Lbs.
P1032	1032	.....	P02102¼	No. 02005	No. 02518	64 Lbs.
S1032	1032	.....	02122¼	No. 02005	No. 02518	58 Lbs.
J1035	1035	.....	J02102¼	No. 02005	No. 02518	64 Lbs.
M1035	1035	.....	M02102¼	No. 02005	No. 02518	64 Lbs.
P1035	1035	.....	P02102¼	No. 02005	No. 02518	64 Lbs.
S1035	1035	.....	02122¼	No. 02005	No. 02518	58 Lbs.
J1040	1040	.....	J02102¼	No. 02005	None	57 Lbs.
M1040	1040	.....	M02102¼	No. 02005	None	57 Lbs.
P1040	1040	.....	P02102¼	No. 02005	None	57 Lbs.
S1040	1040	.....	02122¼	No. 02005	None	51 Lbs.
J1041	1041	.....	J02102¼	No. 02005	None	57 Lbs.
M1041	1041	.....	M02102¼	No. 02005	None	57 Lbs.
P1041	1041	.....	P02102¼	No. 02005	None	57 Lbs.
S1041	1041	.....	02122¼	No. 02005	None	51 Lbs.

Finish—010—Japanned. M02102¼ knobs are mineral (reddish brown).
Packed, one set in a box, complete with screws. 30 sets in a carton.

RIM KNOB LOCKS

CAST BRONZE OR BRASS



No. 1028

DIMENSIONS

CASE Cast Bronze or Brass, 4x3⅜x1 13/16 inches.

STRIKE Cast Bronze or Brass.

SPACING 2 3/16 inches.

BACKSET 2⅝ inches.

OPERATION

Latch Bolt, by knobs from both sides.
Dead Bolt, by key from either side.

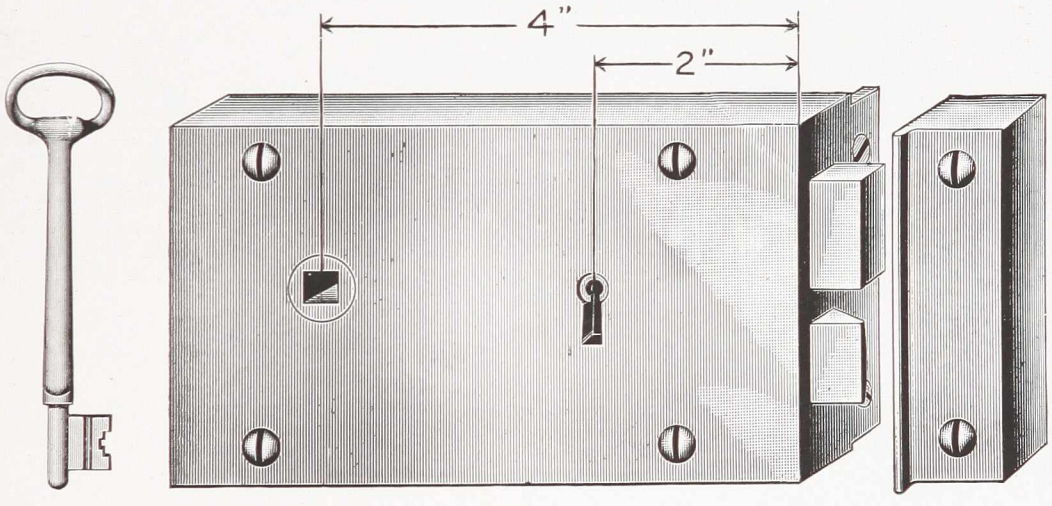
MASTER KEYING

No. 1028—Can be master keyed in one set of 1890 locks all different or in groups as desired. Cannot be master keyed with any other lock except No. 1029.

REVERSIBLE

Number	Bolts	Tumblers	Key	Changes	Master Key
1028	Cast Bronze	Three, Steel	Cast Bronze No. B51	54	S51

Packed each in a box, complete with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish. Specify if reverse bevel required.



No. 1029

DIMENSIONS

CASE Cast Bronze or Brass, 3⅜x6x¾ inches.

STRIKE Cast Bronze or Brass.

BACKSET Front to center of key hole, 2 inches.
Front to center of knob hub, 4 inches.

OPERATION

Latch Bolt, by knobs from both sides.
Dead Bolt, by key from either side.

MASTER KEYING

No. 1029—Can be master keyed in one set of 1890 locks or in groups as desired. Cannot be master keyed with any other lock except No. 1028.

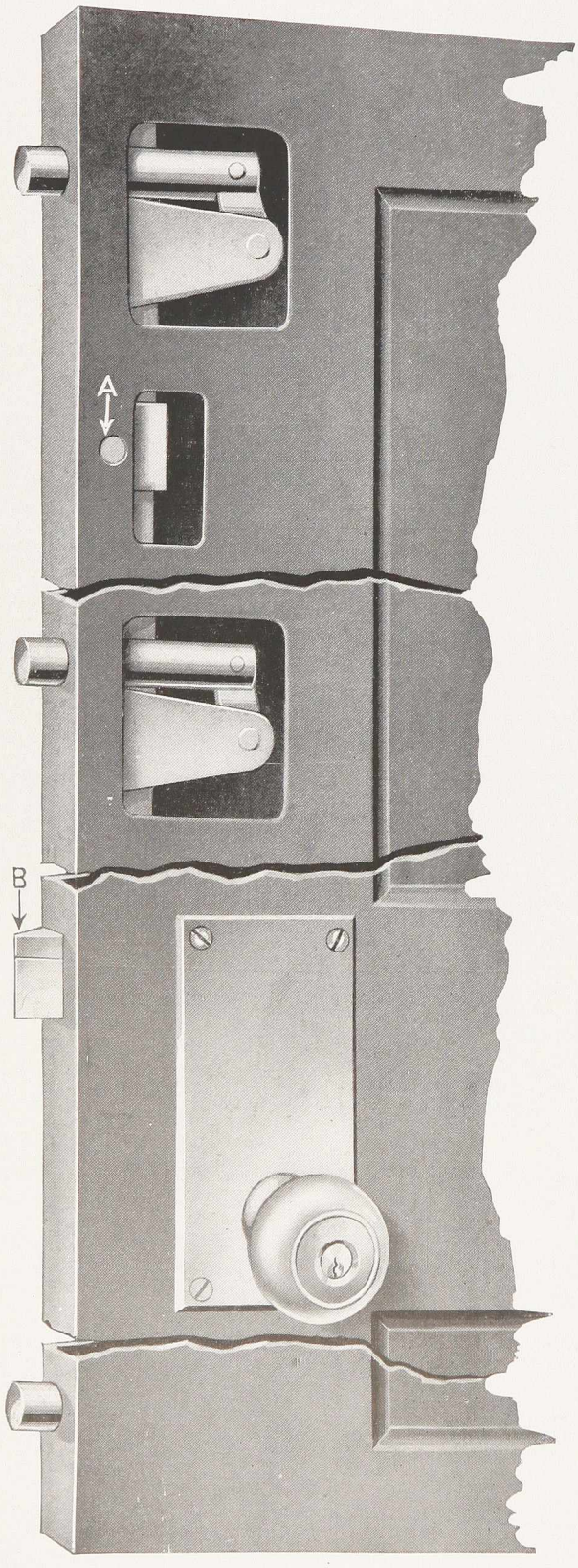
NOT REVERSIBLE

Number	Bolts	Tumblers	Key	Changes	Master Key
1029	Cast Bronze	Three, Steel	Cast Bronze No. B451	54	S51

Packed each in a box, complete with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish. Not Reversible. Specify hand described on Page No. 41A.

THREE POINT FIRE DOOR LOCKS

APPROVED BY THE UNDERWRITERS' LABORATORIES



FOR USE ON HOLLOW METAL AND KALAMEIN DOORS, PROVIDED THE LOCK STILE IS HOLLOW

No. 1056 is made up of two separate units; one consisting of the auxiliary 3-point bolt work which is assembled on a plate 1⅜ in. wide and is installed while the door is being built; the bolts are of steel, ¾ in. in diameter and with ¾ in. throw. The other unit is the lock mechanism which is built up on one of the escutcheon plates.

In applying the lock this plate is first secured to the door and the latch bolt inserted through bolt hole in edge of door and adjusted to its correct position in lock. The other plate and knob are then secured to the door by means of steel machine screws engaging the opposite plate.

The latch bolt and the three auxiliary steel bolts are automatically released by plunger (A) located near edge of door, impinging against door stop or bead. These bolts, when released, shoot into the jamb each time door is closed, thus holding door securely at three points, independently of the latch bolt, and preventing its warping away from jamb in case of fire. When door is opened from either side by turning knob, the latch bolt and the three auxiliary bolts are withdrawn and automatically held in retracted position until door is closed, thus allowing the door to close to the locked position without resistance.

No. 1057—Same as No. 1056, except that the three-auxiliary bolt device is omitted.

No. 1058—Same as No. 1056 except that stop-work and dead-locking bolt are omitted. This is accomplished by using knobs without cylinder on both sides of the lock, and furnishing a solid hub. This gives a knob latch operation, i. e., lock operated from both sides at all times by knob.

No. 1059—For use on the standing leaf of a pair of doors. This lock has but two auxiliary bolts, one projecting from the top, and the other from the bottom of the door. The knob action is identical with that of No. 1058 except that the latch bolt is omitted, the knobs being used simply for operating the two-point bolt mechanism. A stop bracket is added to the bolt mechanism in order to prevent the retraction of the two auxiliary bolts until after the bolt work in the swinging leaf has been retracted. In order to eliminate the possibility of the swinging leaf closing before the standing leaf, in case both doors are opened, a controller (No. 1943) is furnished with this lock which prevents the swinging leaf from closing until the standing leaf has swung into position.

Latch Bolt, Bronze; 1⅜x1 inches, ¾ inch throw.

Keys, three, List No. 1888; changes, practically unlimited.

Cylinder, cast bronze, No. 1901.

For Doors, 1 9/16 and 1¾ inches thick. Other thicknesses to order, and at an additional price. Cannot be used on doors less than 1 9/16 inches thick.

Trim, to preclude the possibility of fire penetrating the door by reason of the possible fusing of the trim, the latter is composed of one cast iron (bronze veneered) escutcheon plate with steel knob thimble and one bronze-covered steel knob with steel shank on one side, and one bronze escutcheon plate and knob on the other.

Operation—No. 1056. From inside by knob at all times; from outside by knob except when stopped by key in outside knob. Latch bolt is provided with deadlocking feature (B) which automatically deadlocks it when the door is closed.

(For operation of the other numbers, see description above.)

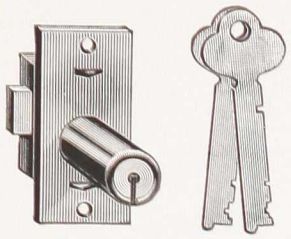
Number	Backset	Size of Knobs	Size of Plates
1056 to 1059	3¼ in.	2½x2½ in.	6¾x3 in.

The minimum width of stile on which these locks can be used is 4⅞ in.

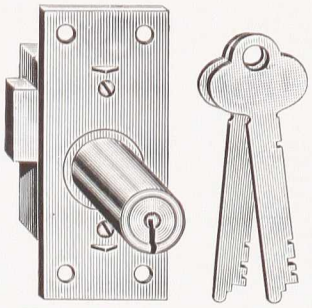
Master keying—Can be master keyed with any cylinder using Key Class 88.

When ordering, give list number, thickness, height and hand of door, detail of jamb, and finish. For finishes, see page No. 32A.

WARDROBE LOCKS



No. 10W
No. 010W



Nos. 12W and 012W
Nos. 13W and 013W

RIGHT OR LEFT HAND—Bolt Travels Right and Left

Number	Material	Size Inches	Backset Inches	For Wood Inches	Tumblers	Regular Changes	Possible Changes	Possible Master Key Changes	Keys, Two
10W	Brass	1 7/8 x 7/8	7/16	7/8	2	12	1290	210	No. 154
010W	Steel	1 7/8 x 7/8	7/16	7/8	2	12	1290	210	No. 154
12W	Brass	2 3/4 x 1 1/4	5/8	7/8	2	12	7770	1290	No. 155
012W	Steel	2 3/4 x 1 1/4	5/8	7/8	2	12	7770	1290	No. 155
13W	Brass	3 x 1 5/8	13/16	7/8	2	12	7770	1290	No. 157
013W	Steel	3 x 1 5/8	13/16	7/8	2	12	7770	1290	No. 157

Backset—Distance from edge of selvedge to center of nose.
Nos. 10W and 010W furnished regularly for 7/8 inch wood, also for 1/2, 5/8, 3/4 and 1 inch wood at no extra price.
All other numbers furnished regularly for 7/8 inch wood, also for 1 and 1 1/8 inch wood at no extra price. Can be furnished for 1/2, 3/4 and 1 1/4 inch wood at additional price. Master keyed at additional price.
Keyed more than regular changes at additional price. Keyed alike, no additional price.
Packed, Nos. 10W, 12W and 13W, 1/2 dozen in a box, others 1 dozen in a box without strikes or screws. Weight per dozen, Nos. 10W and 010W, 1 1/4 pounds; Nos. 12W and 012W, 2 1/2 pounds; Nos. 13W and 013W, 3 1/8 pounds.

WARDROBE LOCKS

CUPBOARD LOCKS

No. 51W, No. 50W

No. 51WS, Righthand

No. 55W, Righthand

NOS. 51W AND 50W, RIGHT OR LEFT HAND—Bolt Travels Right and Left
NO. 51WS, NOT REVERSIBLE—Specify Hand

Number	Material	Size Inches	Backset Inches	For Wood Inches	Cylinder Diameter, Inches	Changes	Master Keying	Keys, Two
51W	Brass	2x1 1/2	3/4	3/4	Brass, 1 1/8	Unlimited	See Footnote	No. 1888
50W	Brass	2x2	1	7/8	Brass, 1 1/8	Unlimited	See Footnote	No. 1888
51WS	Brass	2x1 1/2	3/4	3/4	Brass, 1 1/8	Unlimited	See Footnote	No. 1888

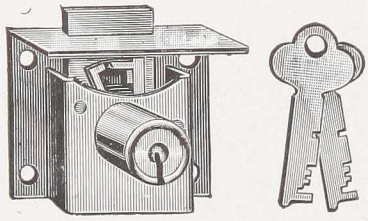
Backset, is distance from edge or selvedge to center of cylinder.
Nos. 51W and 51WS furnished regularly for 3/4 inch wood, also for 7/8, 1, 1 1/8 and 1 1/2 inch wood at no extra price.
Can be furnished for 1 1/4 and 1 3/8 inch wood at additional price.
No. 50W furnished regularly for 7/8 inch wood, also for 1 and 1 1/8 inch wood at no extra price.
Can be furnished for 3/4, 1 1/4 and 1 3/8 inch wood at additional price.
Master keyed at additional price. Also can be keyed with regular lock cylinders Nos. 1901 and 1902, Page No. 111, and padlocks, Page No. 103. Keyed alike at additional price. Alike furnished with one key to each lock.
Packed, 1/12 dozen in a box, 1/2 dozen in a carton, without strikes and screws, except 51WS packed with strike.

NO. 55W, CUPBOARD LOCK, NOT REVERSIBLE—Specify Hand

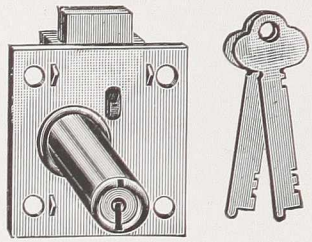
Number	Material	Size Inches	Backset Inches	For Wood Inches	Cylinder Diameter, Inches	Changes	Master Keying	Keys, Two
55W	Brass	2 1/4 x 1 7/8	1	7/8	Brass, 1 1/8	Unlimited	See Foot note	No. 1888

Backset, is distance from edge or selvedge to center of cylinder Regularly furnished for 7/8 inch wood.
Can be furnished for 1, 1 1/8, 1 1/4, 1 3/8 and 1 1/2 inch wood at additional price.
Master keyed at additional price. Also can be keyed to standard lock cylinders Nos. 1901 and 1902, Page No. 111, and padlocks, Page No. 103. Keyed alike at additional price. Alike furnished with one key to each lock.
Finish—Cylinder, polished brass. Can be furnished in other finishes (Page No. 32A) at additional price.
Packed 1/12 dozen in a box, 1/2 dozen in a carton, without strikes or screws. Weight per dozen, 4 1/2 pounds.

DRAWER LOCKS



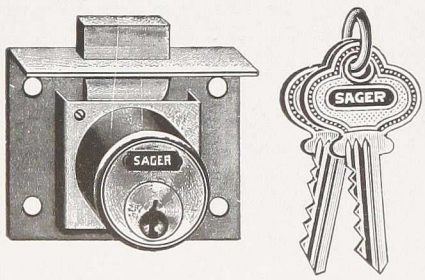
Nos. 95D and 095D



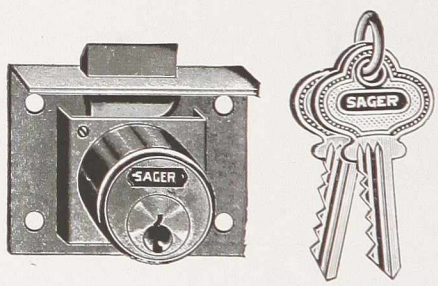
Nos. 59D and 059D

Number	Material	Size Inches	Drop Inches	For Wood Inches	Tumblers	Regular Changes	Possible Changes	Possible Master Key Changes	Keys, Two
95D	Brass	1 5/8x2	7/8	7/8	2	12	7770	1290	No. 310
095D	Steel	1 5/8x2	7/8	7/8	2	12	7770	1290	No. 310
59D	Brass	1 7/8x1 5/8	7/8	7/8	2	12	3120	620	No. 359
059D	Steel	1 7/8x1 5/8	7/8	7/8	2	12	3120	620	No. 359

Drop is distance from edge or selvedge to center of nose.
Nos. 95D and 095D regularly furnished for 7/8 inch wood at no extra price. Can be furnished for 5/8, 3/4, 1 and1 1/8 inch wood at additional price.
Nos. 59D and 059D regularly furnished for 1/2, 5/8, 3/4, 7/8, 1 and 1 1/8 inch wood at no extra price.
Master keyed at additional price.
Keyed more than regular changes at additional price.
Keyed alike at additional price. Alike furnished with one key to each lock.
Packed 1 dozen in a box, without strikes or screws. Weight per dozen, 2 pounds.



Dead Bolt
Nos. 61D and 71D

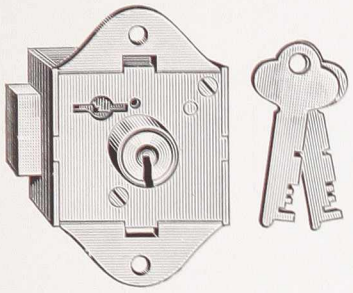


Spring Bolt
No. 61DS

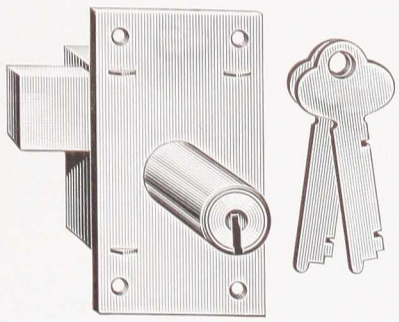
Number	Material	Size Inches	Drop Inches	For Wood Inches	Cylinder Diameter, Inches	Changes	Master Keying	Keys, Two
61D	Brass	1 7/8x2 1/4	1	7/8	Brass, 1 1/8	Unlimited	See Footnote	No. 1888
71D	Brass	2 3/8x2 1/4	1 1/2	7/8	Brass, 1 1/8	Unlimited	See Footnote	No. 1888
61DS	Brass	1 7/8x2 1/4	1	7/8	Brass, 1 1/8	Unlimited	See Footnote	No. 1888

Drop is distance from edge of selvedge to center of cylinder.
Regularly furnished for 7/8 inch wood.
Can be furnished for 1, 1 1/8, 1 1/4, 1 3/8 and 1 1/2 inch wood at additional price.
Master keyed at additional price. Also can be keyed with standard lock cylinders Nos. 1901 and 1902, Page No. 111, and padlocks, Page No. 103.
Keyed alike at additional price. Alike furnished with one key to each lock.
Finish—Cylinder, polished brass. Can be furnished in other finishes (Page No. 32A) at additional price.
Packed, 1/12 dozen in a box, 1/2 dozen in a carton, without strikes or screws, except No. 61DS packed with strike.
Weight per dozen, Nos. 61D and 61DS, 4 1/8 pounds. No. 71D, 5 1/4 pounds.

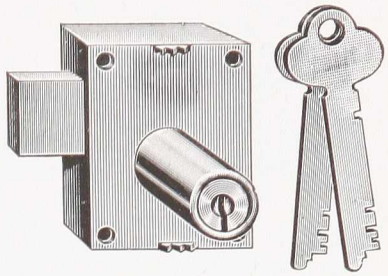
LOCKER LOCKS



No. 081½L



No. 023L
Bolt has ⅝ Inch Throw



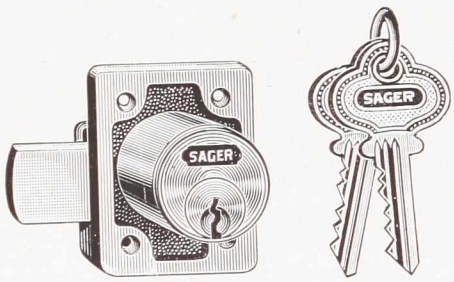
Nos. 20L and 020L
Bolt has ⅝ Inch Throw

RIGHT OR LEFT HAND—Bolt Travels Right and Left

Number	Material	Size Inches	Backset Inches	For Wood Inches	Tumblers	Regular Changes	Possible Changes	Possible Master Key Changes	Keys, Two
081½L	Steel	2¾x1¾	⅞	¼	3	12	46650	7770	No. 381½
023L	Steel	3 x1⅝	13/16	⅞	5	12	7770	1290	No. 157
20L	Brass	2 x1⅝	13/16	⅞	5	12	46650	7770	No. 157
020L	Steel	2 x1⅝	13/16	⅞	5	12	46650	7770	No. 157

Backset is distance from edge of selvedge to center of nose.
No. 081½L furnished regularly for ¼ inch wood or metal, also for ¾ inch wood at no extra price.
Can be furnished for 3/16, ⅜, 7/16, ½, ⅝ and ⅞ inch wood at additional price.
No. 023L furnished regularly for ⅞ inch wood, also for ½, ¾, 1, 1⅛ and 1¼ inch wood at no extra price.
Nos. 20L and 020L furnished regularly for ⅞ inch wood, also for ½, ¾, 1, 1⅛ and 1¼ inch wood at no extra price.
Master keyed at additional price.
Keyed more than regular changes at additional price.
Packed, No. 081½L, 1 dozen in a box, without strikes or screws. Weight per dozen, 2¾ pounds.
Packed, No. 023L, ½ dozen in a box, without strikes or screws. Weight per dozen, 4¾ pounds.
Packed, Nos. 20L and 020L, ½ dozen in a box, without strikes or screws. Weight per dozen, 4½ pounds.

No. 11L
Bolt has 1 Inch Throw



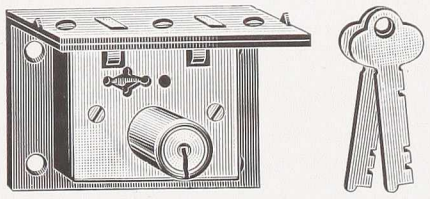
No. 31L
Swinging Bolt has ¾ Inch Throw

RIGHT OR LEFT HAND—Bolt Travels Right and Left on No. 11L and Swings Over on 31L

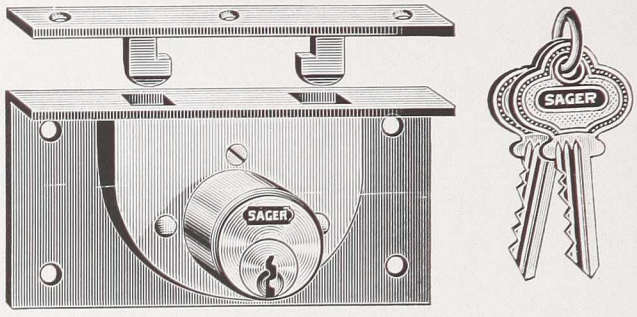
Number	Material	Size Inches	Backset Inches	For Wood Inches	Cylinder Diameter, Inches	Changes	Master Keying	Keys, Two
11L	Brass	2 x1⅝	13/16	¾	Brass, 1⅛	Unlimited	See Footnote	No. 1888
31L	Brass	2 x1½	¾	¾	Brass, 1⅛	Unlimited	See Footnote	No. 1888

Backset is distance from edge of selvedge to center of cylinder.
No. 11L regularly furnished for ¾ inch wood, also for ⅞, 1, 1¼ and 1½ inch wood at no extra price.
Can be furnished for 1⅛ inch wood at additional price.
No. 31L furnished regularly for ¾ inch wood, also for ⅞, 1, 1¼ and 1½ inch wood at no extra price.
Can be furnished for 2 inch wood at additional price.
Master keyed at additional price. Also can be keyed with regular lock cylinders Nos. 1901 and 1902, Page No. 111, and padlocks, Page No. 103.
Keyed alike at additional price. Alike furnished with one key to each lock.
Finish—Cylinder, polished brass. Can be furnished in other finishes (Page No. 32A) at additional price.
Packed 1/12 dozen in a box, ½ dozen in a carton, without strikes or screws. Weight per dozen, 7⅛ pounds.

CHEST LOCKS



No. 64C



No. 21C

No. 64C—Self Locking

Number	Material	Size Inches	Drop Inches	For Wood Inches	Tumblers Lever	Regular Changes	Possible Changes	Possible Master Key Changes	Keys, Two
64C	Brass	1¾x2½	1	¾, 1, 1¼	4	12	1020	252	No. 154

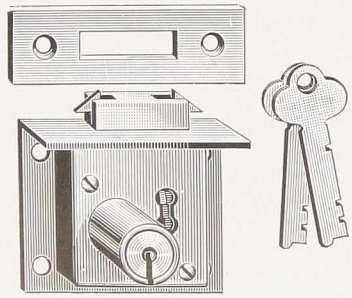
Drop is distance from edge of selvedge to center of nose. Regularly furnished for ¾, 1 and 1½ inch wood at no extra price. Can be furnished for ⅞, 1⅛ and 1¼ inch wood at additional price. Master keyed at additional price. Keyed more than regular changes at additional price. Keyed alike at additional price. Alike furnished with one key to each lock. Packed ½ dozen in a box, without screws. Weight per dozen, 2¾ pounds.

No. 21C—Not Self Locking

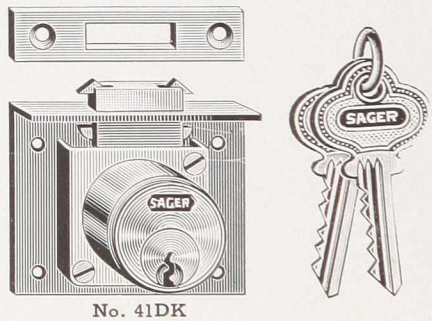
Number	Material	Size Inches	Drop Inches	For Wood Inches	Cylinder Diameter, Inches	Changes	Master Keying	Keys, Two
21C	Brass	2x4	1¼	1¼	Brass, 1⅛	Unlimited	See Footnote	No. 1888

Drop is distance from edge of selvedge to center of cylinder. Regularly furnished for 1¼, 1½ and 1¾ inch wood at no extra price. Can be furnished for 1⅞, 2 and 2⅛ inch wood at additional price.
Master keyed at additional price. Also can be keyed with standard lock cylinders Nos. 1901 and 1902, Page No. 111, and padlocks, Page No. 103. Keyed alike at additional price. Alike furnished with one key to each lock.
Finish—Cylinder, polished brass. Can be furnished in other finishes (Page No. 32A) at additional price.
Packed 1/12 dozen in a box, without screws. Weight per dozen, 9⅛ pounds.

DESK LOCKS



No. 90DK



No. 41DK

No. 90DK—Hooks Withdraw When Unlocked

Number	Material	Size Inches	Drop Inches	For Wood Inches	Tumblers Lever	Regular Changes	Possible Changes	Possible Master Key Changes	Keys Two
90DK	Brass	1⅝x2	⅞	⅞	3	12	252	60	No. 154

Drop is distance from edge of selvedge to center of nose. Regularly furnished for ⅞ inch wood at no extra price. Can be furnished for ⅝, ¾ and 1 inch wood at additional price. Master keyed at additional price. Keyed more than regular changes at additional price. Keyed alike at additional price. Alike furnished with one key to each lock. Packed 1 dozen in a box with strikes and without screws. Weight per dozen, 2½ pounds.

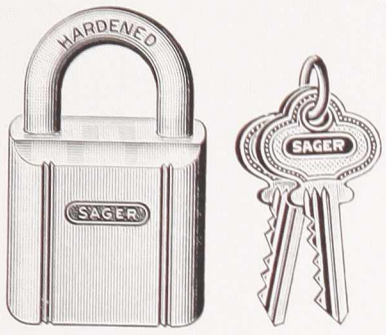
No. 41DK—Hooks Withdrawn When Unlocked

Number	Material	Size Inches	Drop Inches	For Wood Inches	Cylinder Diameter, Inches	Changes	Master Keying	Keys, Two
41DK	Brass	1⅞x2¼	1	¾	Brass, 1⅛	Unlimited	See Footnote	No. 1888

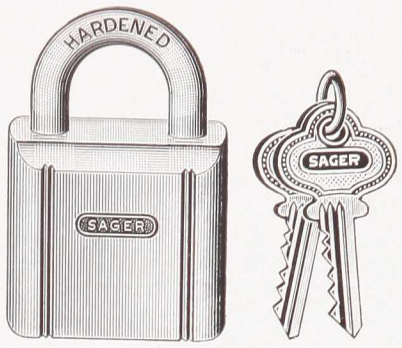
Drop is distance from edge of selvedge to center of cylinder. Regularly furnished for ¾ and ⅞ inch wood at no extra price. Can be furnished for 1, 1⅛, 1¼, 1⅜ and 1½ at additional price.
Master keyed at additional price. Also can be keyed with standard lock cylinders Nos. 1901 and 1902, Page No. 111, and padlocks, Page No. 103. Keyed alike at additional price. Alike furnished with one key to each lock.
Finish—Cylinder, polished brass. Can be furnished in other finishes (Page No. 32A) at additional price.
Packed 1/12 dozen in a box, ½ dozen in a carton, with strikes and without screws. Weight per dozen, 4¾ pounds.

EXTRUDED BRASS PADLOCKS

PIN TUMBLER MECHANISM



Nos. 1090 to 1091½MK



Nos. 1092 to 1093½MK

FIVE PIN TUMBLER EXTRUDED BRASS PADLOCKS

Number	Case		Shackle			Keys Two, No.	Regular Changes	Master Key Changes
	Size Inches	Material Extruded Brass	Diameter Inches	†Clearance Inches	Material			
1090	1¾	Polished	5/16	13/16	Steel, Case Hardened	1888	Unlimited	
1090MK	1¾	Polished	5/16	13/16	Steel, Case Hardened	1888	Unlimited	5000
*1090½	1¾	Polished	5/16	13/16	Cadmium Plated	1888	Unlimited	
*1090½MK	1¾	Polished	5/16	13/16	Cadmium Plated	1888	Unlimited	5000
1091	1¾	Polished	5/16	13/16	Brass Polished	1888	Unlimited	
1091MK	1¾	Polished	5/16	13/16	Brass Polished	1888	Unlimited	5000
*1091½	1¾	Polished	5/16	13/16	Brass Polished	1888	Unlimited	
*1091½MK	1¾	Polished	5/16	13/16	Brass Polished	1888	Unlimited	5000
1092	2	Polished	3/8	13/16	Steel, Case Hardened	1888	Unlimited	
1092MK	2	Polished	3/8	13/16	Steel, Case Hardened	1888	Unlimited	5000
*1092½	2	Polished	3/8	13/16	Cadmium Plated	1888	Unlimited	
*1092½MK	2	Polished	3/8	13/16	Cadmium Plated	1888	Unlimited	5000
1093	2	Polished	3/8	13/16	Brass Polished	1888	Unlimited	
1093MK	2	Polished	3/8	13/16	Brass Polished	1888	Unlimited	5000
*1093½	2	Polished	3/8	13/16	Brass Polished	1888	Unlimited	
*1093½MK	2	Polished	3/8	13/16	Brass Polished	1888	Unlimited	5000

Packed ½ dozen in a box. Weight, per dozen—Nos. 1090 and 1091, without chain 7¼ lbs.
Nos. 1092 and 1093, without chain 9⅜ lbs.

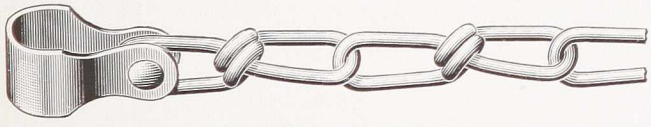
Master keyed—Can be master keyed with standard lock cylinders, Nos. 1901 and 1902 and cabinet locks using key class 1888 on Pages No. 85 to 88 inclusive.

*Chains—No. 1090½ series furnished with 8 inches of No. 82S, steel plated chain.
No. 1091½ series furnished with 8 inches of No. 82B, brass chain.
No. 1092½ series furnished with 8 inches of No. 83S, steel plated chain.
No. 1093½ series furnished with 8 inches of No. 83B, brass chain.

†Clearance is distance from top of lock case to underside of shackle.

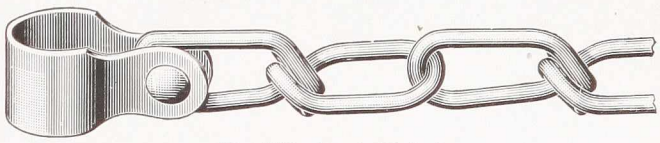
[Illustrations Full Size]

PADLOCK CHAINS



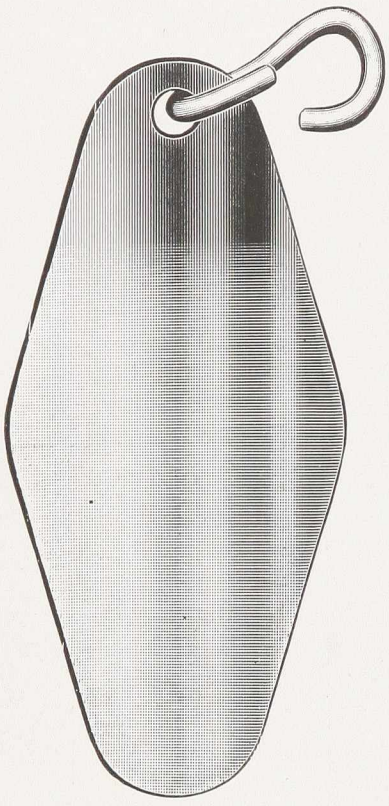
No. 825S—Steel, Plated
No. 82B—Brass. For Round Shackles 9/32 to 5/16 Inch Diameter

This type Padlock Chain is for attaching to round wire padlock shackles without the necessity of drilling and riveting them to the shackles. All chains are 8 inches long.
The chain and clevis are supplied assembled and may be easily applied to the padlock by slipping the clevis over the toe end of the shackle to the normal position after which the clevis is closed in by a pair of pliers, to prevent it slipping around the bend of the shackle.
This style clevis and chain will be applied to padlocks when ordered with chain, also the complete chains are carried in stock for sale to our customers.
Packed 1 dozen in a box.

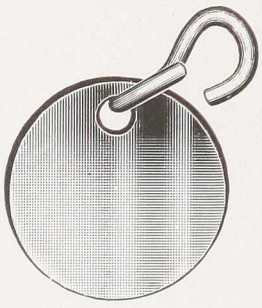


No. 83S—Steel, Plated
No. 83B—Brass. For Round Shackles 11/32 to 3/8 Inch Diameter

KEY TAGS



No. 1790 Series



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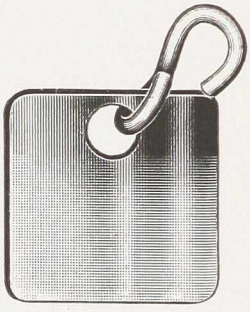

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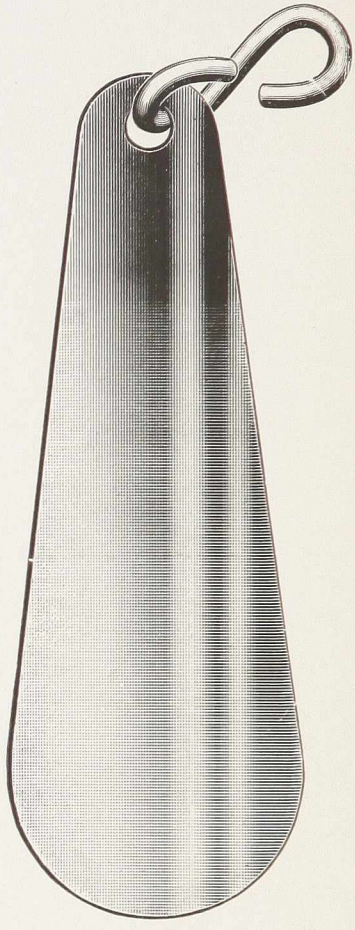


No. 1791 Series

Number	Size. Inches	Material	Description
1790B	3½x1⅝	Bright Dipped Brass	With letters and numbers, stamped, sunk and filled in black
1790A	3½x1⅝	Aluminum	With letters and numbers, stamped, sunk and filled in black
1790BL	3½x1⅝	Black Fibre	With letters and numbers, stamped, sunk and filled in black
1790G	3½x1⅝	Grey Fibre	With letters and numbers, stamped, sunk and filled in black
1790R	3½x1⅝	Red Fibre	With letters and numbers, stamped, sunk and filled in black
1791B	4 x1⅜	Bright Dipped Brass	With letters and numbers, stamped, sunk and filled in black
1791A	4 x1⅜	Aluminum	With letters and numbers, stamped, sunk and filled in black
1791BL	4 x1⅜	Black Fibre	With letters and numbers, stamped, sunk and filled in black
1791G	4 x1⅜	Grey Fibre	With letters and numbers, stamped, sunk and filled in black
1791R	4 x1⅜	Red Fibre	With letters and numbers, stamped, sunk and filled in black
N1795B	1 Dia.	Bright Dipped	With letters and numbers, stamped, sunk and filled in black
N1795A	1 Dia.	Aluminum	With letters and numbers, stamped, sunk and filled in black
N1795BL	1 Dia.	Black Fibre	With letters and numbers, stamped, sunk and filled in black
N1795G	1 Dia.	Grey Fibre	With letters and numbers, stamped, sunk and filled in black
N1795R	1 Dia.	Red Fibre	With letters and numbers, stamped, sunk and filled in black
***1795B**	1 Dia.	Bright Dipped Brass	Plain, without letters or numbers—attachment links separate
***1795A**	1 Dia.	Aluminum	Plain, without letters or numbers—attachment links separate
N1796B	1 x1	Bright Dipped Brass	With letters and numbers, stamped, sunk and filled in black
N1796A	1 x1	Aluminum	With letters and numbers, stamped, sunk and filled in black
N1796BL	1 x1	Black Fibre	With letters and numbers, stamped, sunk and filled in black
N1796G	1 x1	Grey Fibre	With letters and numbers, stamped, sunk and filled in black
N1796R	1 x1	Red Fibre	With letters and numbers, stamped, sunk and filled in black
***1796B**	1 x1	Bright Dipped Brass	Plain, without letters or numbers—attachment links separate
***1796A**	1 x1	Aluminum	Plain, without letters or numbers—attachment links separate

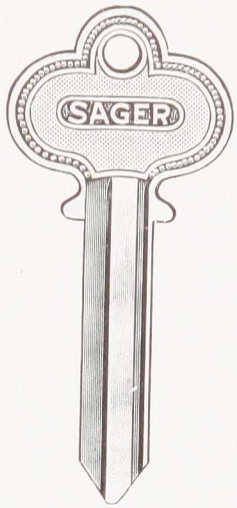
*Nos. 1795B, 1795A, 1796B and 1796A are furnished with attachment links packed separate to make it easier to stamp. If no attachment links are required, deduct.

SAGER Locks

KEY BLANKS

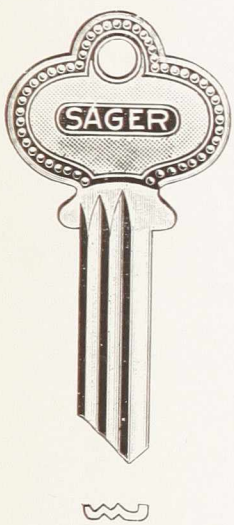
No. 1866

No. 1866M



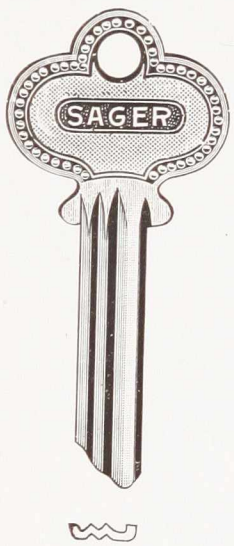
No. 1877

No. 1877M

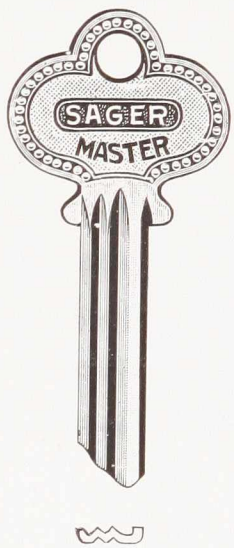


No. 1888

No. 1888M



No. 1899



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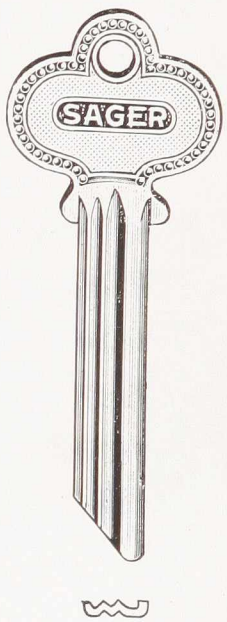
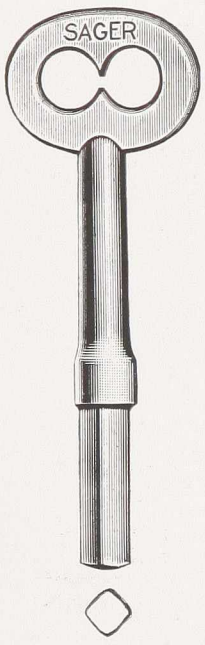


No. 1899L

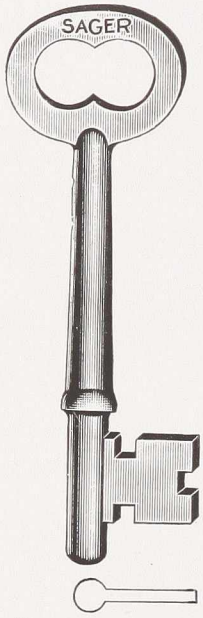
Number	Class	Cylinder	For Cylinders
1866	66	5 Pin	Change Key—Old Style
1866M	66M	5 Pin	Master Key—Old Style
1877	77	5 Pin	Change Key—Old Style
1877M	77M	5 Pin	Master Key—Old Style
1888	88	5 Pin	Change Key—New Style
1888M	88M	5 Pin	Master Key—New Style
1899	99	6 Pin	Change Key—New Style
1899M	99M	6 Pin	Master Key—New Style
1899L	99LM	6 Pin	Long Key—New Style

Packed ¼ gross in a box.
Cross section of these keys is determined by looking down the key from the bow end.

KEY BLANKS



No. 1800EV



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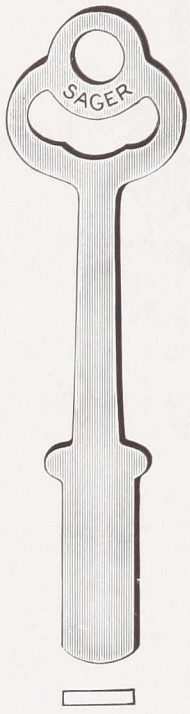

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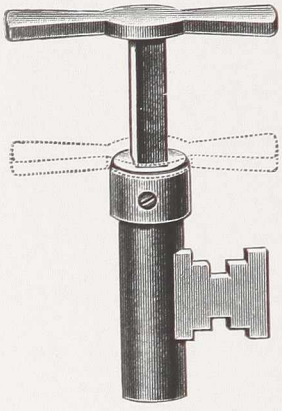

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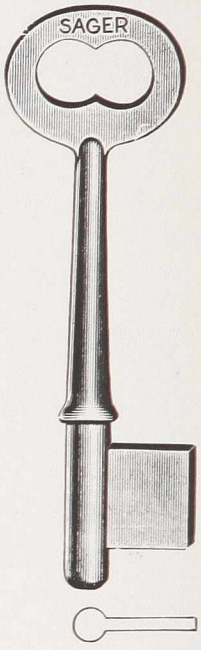

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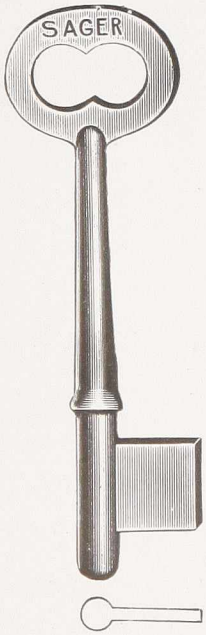
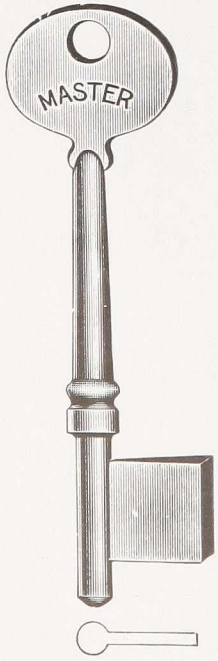
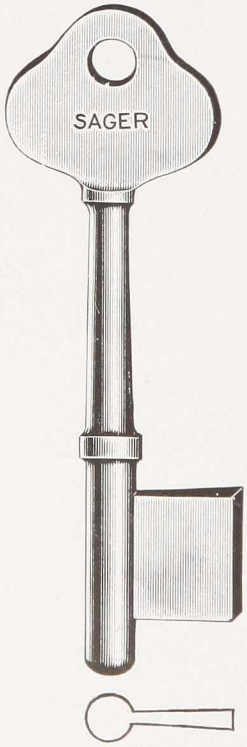


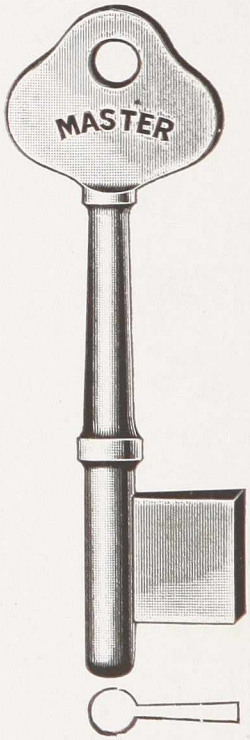
No. 1814K
Type No. 1814M, Solid bow



No. 1814KM



No. 1816L
Type 1816LE, Emergency
Type 1816LD, Display



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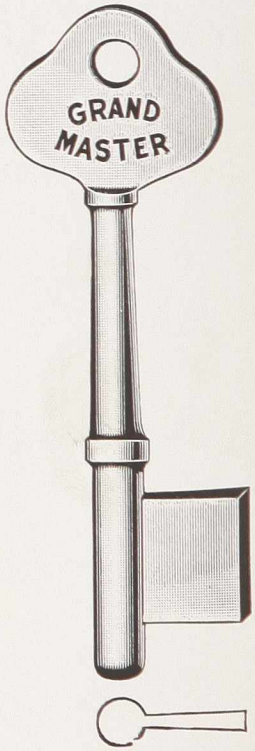
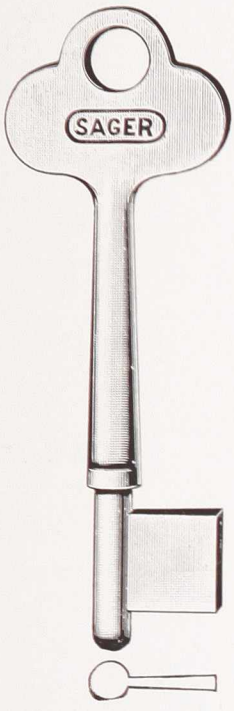


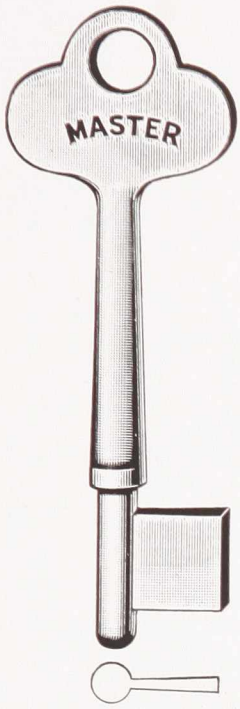
No. 1816LGM

See Page No. 107 for list of locks that these blanks operate.

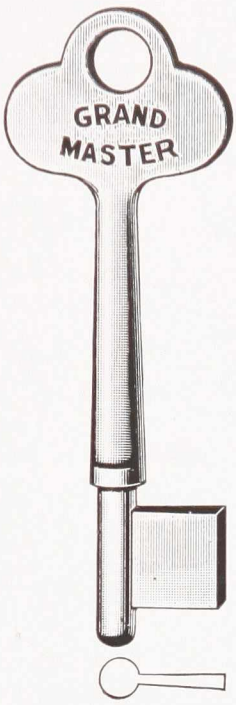
KEY BLANKS



No. 1817F
Type No. 1817FE, Emergency

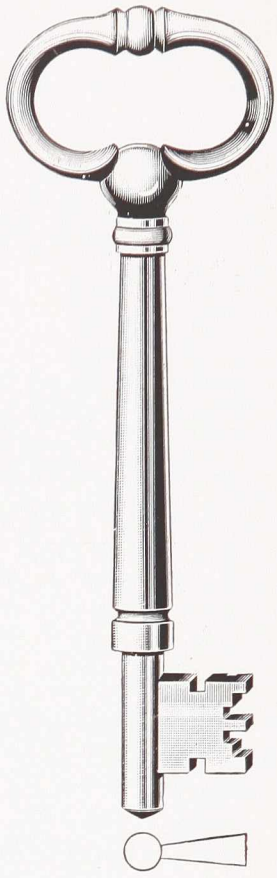


No. 1817FM



No. 1817FGM

No. 1819R



No. 1821F

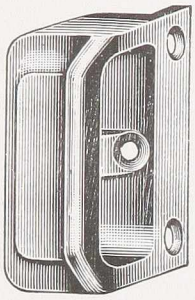
Specify Change Number When Ordering Cut Keys

Number	Class	Material	For Locks
1800EV	EV	Cast Iron	450, 450R, 460, 470, 480 and 490
1801AB	AB	Cast Iron	250
1810JJA	JJA	Steel	582, 582R, 583, 583R, 962 and 962R
1812VV	VV	Bronze	942, 942D, 942DA, 944, 944D, 945, 945D
1813A	A	Steel	230, 230R, 235R, 240, 240R, 245R, 260, 270, 620, 620¾, 621 and 621¾
1814K	K	Steel	262¾, 262¾MK, 272¾ and 272MK
1814M	K	Steel	290, 300, 300R, 311, 320, 440, 445, 600, 600V, 610, 610V, 961, 963 and 964
1814KM	KM	Steel	262¾MK and 272¾MK
1816L	L	Steel	511, 512, 513, 515, 517, 518, 555, 556, 557 and 901¾
1816LM	LM	Steel	511MK, 512MK, 513MK, 515MK, 517MK, 518MK, 555MK, 556MK, 557MK and 901¾MK
1816LGM	LGM	Steel	511, 512, 513, 515, 517 and 518
1816LE	LE	Steel	511, 512, 513, 515, 517 and 518
1816LD	LD	Steel	511, 512, 513, 515, 517 and 518
1817F	F	Steel	221¾, 221¾MK, 221¾R, 221¾RMK, 225¾R, 240¾, 240¾MK, 240¾R, 240¾RMK, 290¾, 290¾MK, 300¾, 300¾MK, 300¾R, 300¾RMK, 311¾, 311¾MK, 320¾, 320¾MK, 361¾, 361¾MK, 370¾, 370¾MK, 370¾R, 370¾RM, 380¾, 380¾MK, 400¾, 400¾MK, 440¾, 440¾MK, 445¾, 455¾, 455¾MK, 495¾, 495¾MK, 501, 600¾, 610¾, 810, 810¾, 811¾, 811¾MK, 840¾, 840¾MK, 841¾, 841¾MK, 842¾, 842MK, 902¾, 902¾MK, 961¾, 961¾MK, 963¾, 963¾MK and 964¾
1817FM	FM	Steel	221¾MK, 221¾RMK, 240¾MK, 240¾RMK, 290¾MK, 300¾MK, 300¾RMK, 311¾MK, 320¾MK, 361¾MK, 370¾MK, 370¾RMK 380¾MK, 400¾MK, 440¾MK, 455¾MK, 495¾MK, 501MK, 810¾MK, 811¾MK, 840¾MK, 841¾MK, 842¾MK, 902¾MK, 961¾MK, 963¾MK and 964¾MK
1817FGM	FGM	Steel	221¾MK, 221¾RMK, 240¾MK, 240¾RMK, 290¾MK, 300¾MK, 300¾RMK, 311¾MK, 320¾MK, 361¾MK, 370¾MK, 370¾RMK, 380¾MK, 400¾MK, 440¾MK, 455¾MK, 495¾MK, 501MK, 810¾MK, 811¾MK, 840¾MK, 841¾MK, 842¾MK, 902¾MK, 961¾MK, 963¾MK and 964¾MK
1817FE	FE	Steel	501
1819R	R	Cast Iron	1030, 1030RB, 1032, 1032RB, 1035, 1035RB, 1037, 1037RB and 1046
1821F	F	Bronze	Bronze for all locks, using Key Class F, FM, FGM and FE

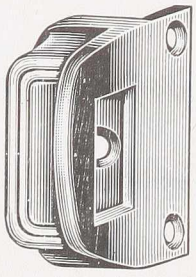
Packed ¼ gross in a box.

LOCK AND LATCH STRIKES

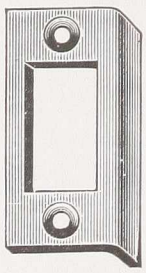
FOR RIM LOCKS AND LATCHES



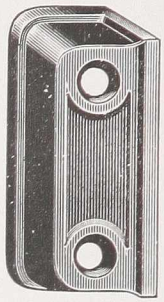
Type A



Type A-1



Type A-2



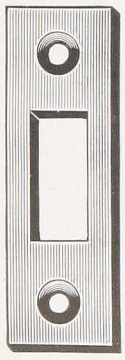
Type A-3

Type A-4
Type A-5

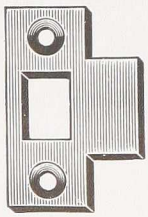
Type	Size Inches	Material	For Rim Locks and Latches Number
A	2½x ⅞x2	Cast Iron	**1003, 1004, 1005 and 1006.**
A-1	2⅜x1 x2	Cast Iron	**1001, 1002, 1009, 1012 and 1013.**
A-2	2¼x1⅛	Wrought Steel	**1001, 1002, 1003, 1004, 1005, 1006, 1009, 1010, 1012 and 1013.**
A-3	2⅝x1	Cast Iron	**1040, 1041 and 1046.**
A-4	3⅜x ¾	Cast Iron	**1035-1037**
A-5	4 x ¾	Cast Iron	**1030 and 1032.**

Packed 1 dozen in a box, with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.

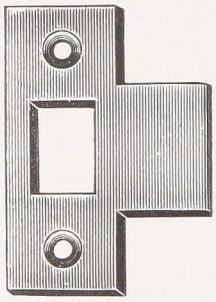
FOR MORTISE DEAD LOCKS AND LATCHES



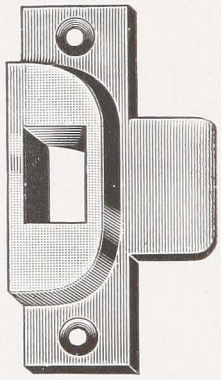
Types B, B-1, and C-1



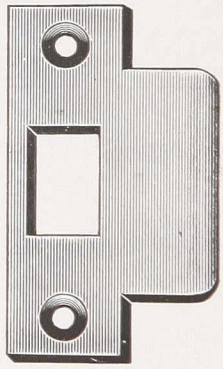
Types B-2 and B-3



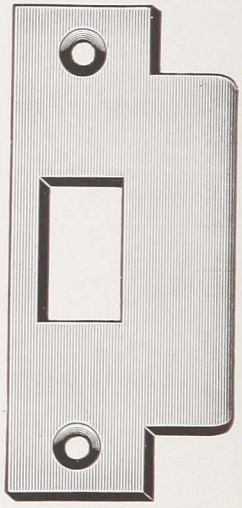
Types D, D-1, D-2, and D-3



Type E



Types E-1, E-2, and E-3

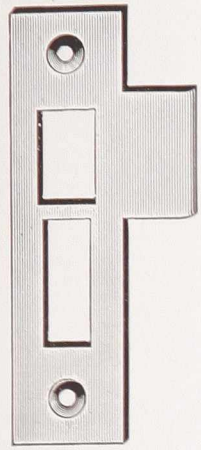


Type F

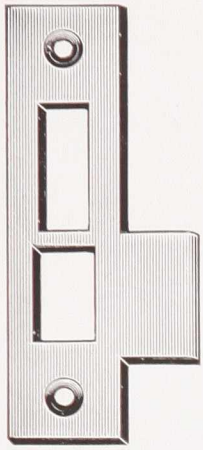
Type	Size Inches	Length of Lip from Center of Opening Inches	Material	For Mortise Locks and Latches Number	Use Wrought Box Number
B	3¼x1	.....	Cast Bronze	**962, 965 and 966**	**W-2**
B-1	3⅝x1¼	.....	Cast Bronze	**964, 967, 968 and 973**	**W-4**
B-2	2 x ¾	⅞	Wrought Bronze	**100**	**W-1**
B-3	2 x ¾	1	Wrought Steel	**110**	**W-1**
C-1	5 x1½	.....	Cast Bronze	**969, 970 and 974**	**W-13**
D	2¾x1⅛	1⅜	Wrought Bronze	**140, 170, 175, 630V, 660V, 670V, 710 and 760**	**W-2**
D-1	2¾x1 1/16	1½	Wrought Bronze	**600V**	**W-2**
D-2	2¾x1 1/16	1½	Wrought Steel	**610V**	**W-2**
D-3	2 29/32x1 1/16	1½	Cast Bronze	**160**	**W-2**
E	3⅜x1⅛	1⅜	Cast Bronze	**841¾**	**W-12**
E-1	4 3/16x1⅛	1¼	Cast Bronze	**180 and 181**	None
E-2	4 5/16x1 3/16	1½	Cast Bronze	**800 and 810¾**	**W-11**
E-3	4 19/32x1 5/16	1½	Cast Bronze	**141, 690V, 792, 872, 880, 881, 885 and 886**	None
F	4⅝x1 5/16	1⅝	Cast Bronze	**9690V**	None

Packed 1 dozen in a box, with screws. Specify if to be furnished with wrought box, at additional price.
Specify Number and Finish. Refer to Page No. 32A for description of finish. Refer to Page No. 110 for method of measuring.

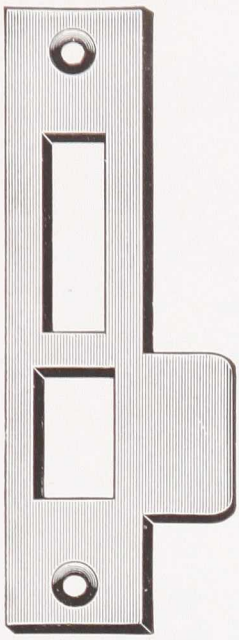
MORTISE LOCK STRIKES



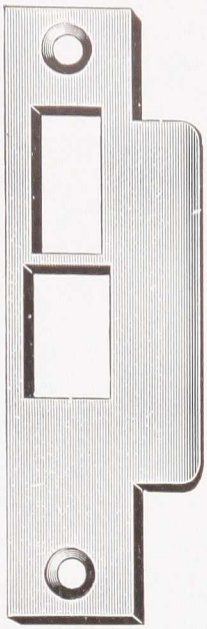
Types F1, F2, F3 and F4



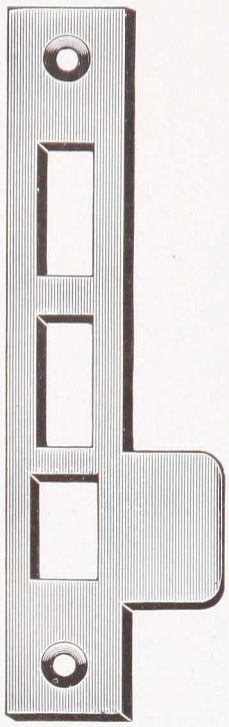
Types G, G1, G2, G3 and G4



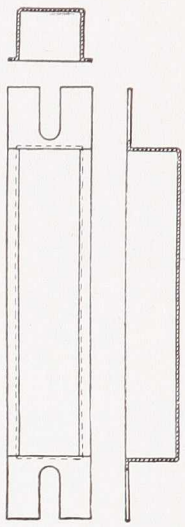
Types H, H1, H2 and H4



Type H3



Type H5



WROUGHT BOX FOR USE WITH REGULAR STRIKES
Types W1 to W23

MORTISE LOCK STRIKES

Type	Size Inches	Length of Lip from Center of Opening Inches	Material	For Mortise Locks Number	Use Wrought Box Number
F-1	3 5/16 x 7/8	15/16	Wrought Bronze	240, 260 and 460	W-3
F-2	3 5/16 x 7/8	15/16	Wrought Steel	230, 232, 250, 270 and 470	W-3
F-3	3 9/16 x 15/16	1 1/16	Wrought Bronze	300, 311, 480 and 482	W-4
F-4	4 x 1	1 3/16	Wrought Bronze	320, 370, 450, 452, 455¾, 501, 555 and 556	W-5
G	4 1/16 x 1 1/16	1 1/4	Wrought Bronze	600 and 620	W-5
G-1	4 1/16 x 1 1/16	1 1/4	Wrought Steel	610 and 621	W-5
G-2	4 3/8 x 1 1/8	1 1/4	Wrought Bronze	525, 630 and 670	W-15
G-3	4 1/2 x 1 1/4	1 5/8	Cast Bronze	586 and 587	W-9
G-4	4 1/2 x 1 1/4	1 5/8	Cast Bronze	584	W-9
H	4 5/8 x 1 1/8	1 3/8	Wrought Bronze	582	W-19
H-1	4 5/8 x 1 1/8	1 3/8	Wrought Steel	583	W-19
H-2	4 3/4 x 1 1/4	1 1/2	Cast Bronze	585, 690, 691 and 692	W-10
H-3	5 3/4 x 1 1/4	1 7/8	Cast Bronze	9691 and 9692	None
H-4	5 3/4 x 1 1/4	1 1/2	Cast Bronze	560, 663, 664, 755, 756 and 757	W-7
H-5	6 11/16 x 1 1/8	1 1/2	Cast Bronze	511, 512, 513, 515, 517 and 518	None

Packed 1 dozen in a box, with screws. Specify if to be furnished with wrought box, at additional price.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

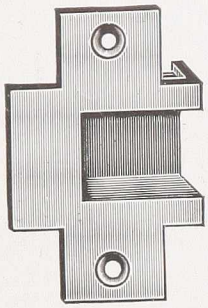
WROUGHT BOXES FOR APPLICATION TO REGULAR FLAT STRIKES

Type	Size of Box			Material	For Strikes of Locks and Latches Number
	Length Inches	Width Inches	Depth Inches		
W-1	15/16	11/16	1/2	Wrought Bronze	100, 103, 104, 110, 120 and 961
W-2	1 3/8	13/16	9/16	Wrought Bronze	130, 140, 160, 170, 175, 600V, 610V, 630V, 640, 660V, 670V, 710, 760, 960 and 965
W-3	2 5/16	13/16	9/16	Wrought Bronze	230, 232, 240, 242, 250, 260, 270, 460 and 470
W-4	2 5/16	13/16	9/16	Wrought Bronze	290, 300, 480, 482, 963, 964, 967 and 968
W-5	2 5/16	13/16	9/16	Wrought Bronze	320,370,450,452,455¾,501,555,556,600,610,620and621
W-6	3 5/16	13/16	9/16	Wrought Bronze	380¾, 680 and 681
W-7	3 5/16	13/16	9/16	Wrought Bronze	560, 660, 663, 664, 755, 756 and 757
W-9	3 5/16	13/16	9/16	Wrought Bronze	400, 557, 584, 586, 587 and 971
W-10	3	7/8	1	Wrought Bronze	585, 592, 593, 595, 690, 691 and 692
W-11	1 7/16	13/16	3/4	Wrought Bronze	800 and 810¾
W-12	1 7/16	13/16	3/4	Wrought Bronze	840¾ and 841¾
W-13	2 7/8	13/16	1	Wrought Bronze	974
W-14	2 7/8	13/16	1	Wrought Bronze	636 and 676
W-15	2 11/16	13/16	9/16	Wrought Bronze	525, 630 and 670
W-19	3 1/16	1 3/32	3/4	Wrought Bronze	582 and 583
W-20	3	13/16	7/16	Wrought Bronze	440 and 495
W-23	4 1/16	1 1/16	11/16	Wrought Bronze	590 and 591

Specify Number and Finish. Refer to Page No. 32A for description of finish. Packed 1 dozen in a box, with screws.

SPECIAL STRIKES

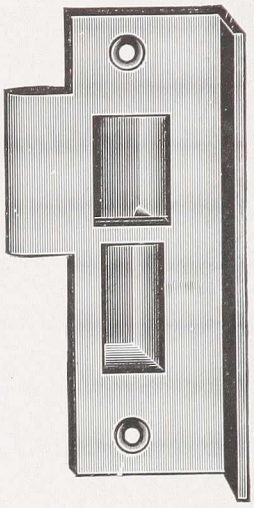
CAST BRONZE



Type P—Box

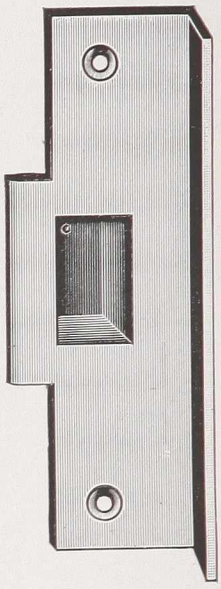
Open back strike for use on double doors. The open back strike permits the closing of the inactive door before the active door without damaging the latch.

Reversible. Specify thickness of door.



Type P1—Protected Box

For two bolt locks. Not reversible. Specify hand and thickness of door.



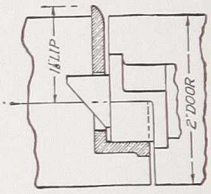
Type P2—Protected Box

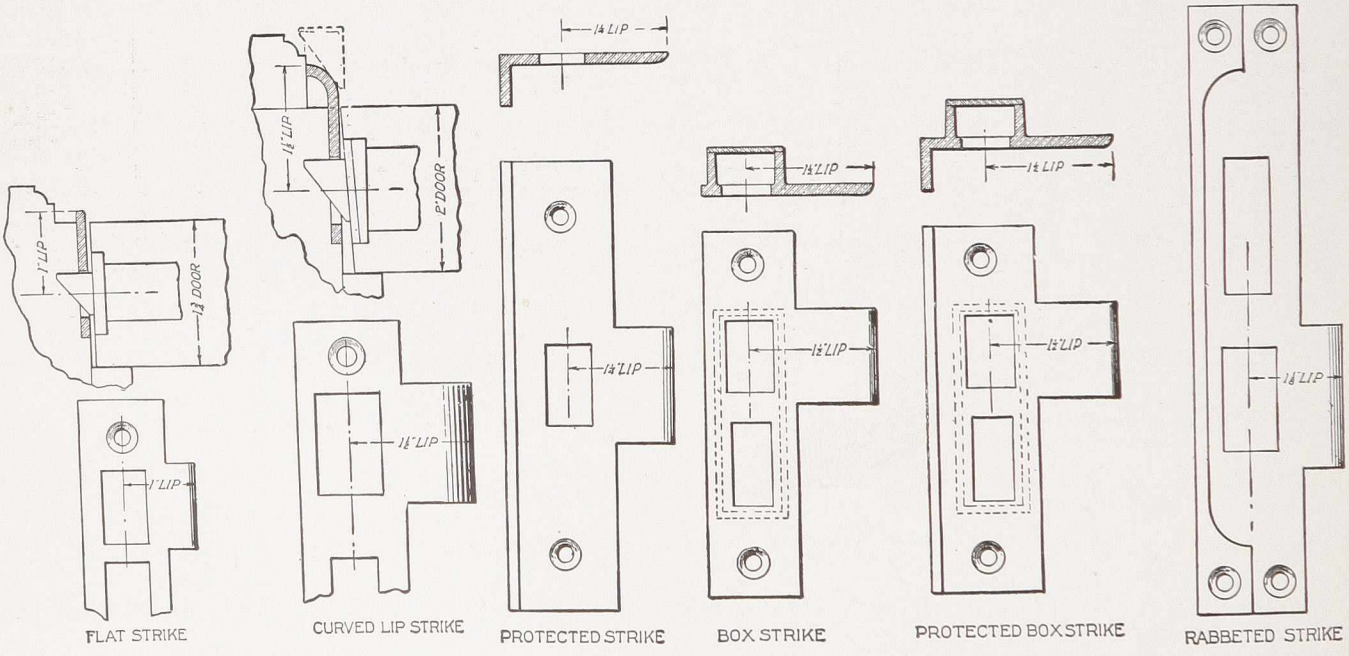
For latches with stops in face. Reversible. Specify thickness of door.

Specify Lock Number and Finish. Refer to Page No. 32A for description of finish

TYPES OF LOCK STRIKES

Types Figs. 1 and 6 are regularly furnished. Other types to order only.

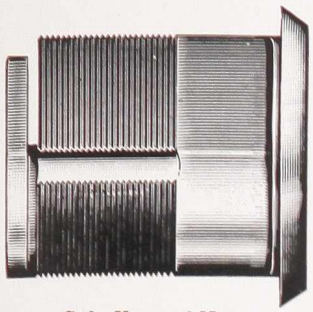




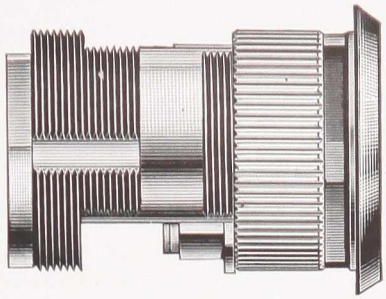
METHOD OF MEASURING

Figs. 1, 4 and 6: Measure from center of door and add sufficient (usually ⅛ inch) to protect woodwork from action of latch bolt.
Fig. 2: Measure full thickness of door and furnish sketch of jamb to obtain proper curve to protect woodwork.
Figs. 3 and 5: Measure full thickness of door, and from center to face add sufficient to protect woodwork.
NOTE—Hand of door must always be specified for all types except Fig. 1.

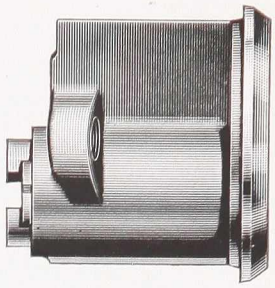
CYLINDERS



Side View of Nos. 1900, 1901, 1904 and 1906 Mortise Lock Cylinders No. 1900 Has Double Cam



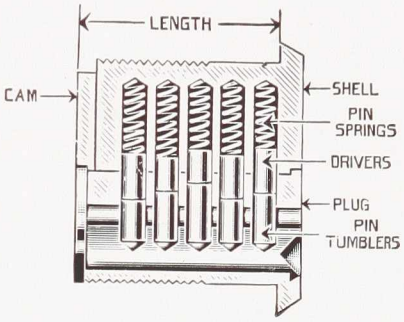
Side View of No. 1905 Adjustable Mortise Lock Cylinder—Extended



Side View of No. 1902 Rim Lock Cylinder

Front View Nos. 1900, 1901, 1902, 1904 and 1905

Dust Guard for All Cylinders

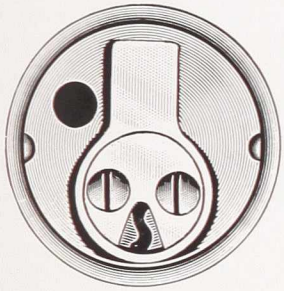


Side View Nos. 1900, 1901, 1904, 1905 and 1906 Cut Open No. 1900 Has Double Cam

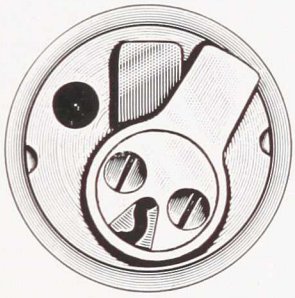
Rear View No. 1903 Dummy Cylinder

Rear View No. 1903A Dummy Cylinder

Side View Nos. 1903 and 1903A Dummy Cylinder

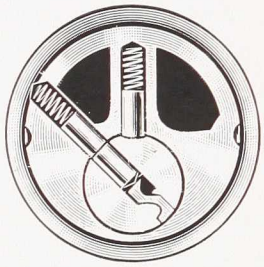


Rear View Nos. 1901, 1905 and 1906 Cylinder



Rear View No. 1900 Double Cam Cylinder

Rear View No. 1904 Cylinder



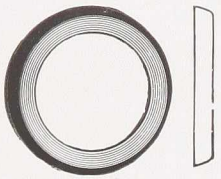
Cut Open View of No. 1906 Shut Out Cylinder

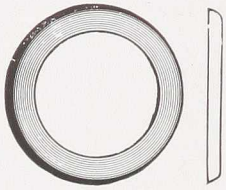
Number	Size		Material	Description
	Diameter Inches	Length Inches		
*1900	1⅛	1, 1⅛, 1¼, 1⅜, 1½ and 1¾	Cast Bronze	For hotel locks Nos. 531, 532, 533, 535, 536, 537.
1901	1⅛	1, 1⅛, 1¼, 1⅜, 1½ and 1¾	Cast Bronze	Standard for mortise locks.
1902	1⅛	.....	Cast Bronze	Standard for rim locks.
1903	1⅛	.....	Cast Bronze	Dummy cylinder, attached with flanges.
1903A	1⅛	.....	Cast Bronze	Dummy cylinder, attached with flanges and machine screw.
*1904	1⅛	1, 1⅛, 1¼, 1⅜, 1½ and 1¾	Cast Bronze	Mortise lock cylinder for locks having 1 inch throw dead bolts.
1905	1⅛	1⅛ to 1 9/16	Cast Bronze	Adjustable mortise lock cylinder.
*1906	1⅛	1, 1⅛, 1¼, 1⅜, 1½ and 1¾	Cast Bronze	Mortise lock cylinder with shut out feature. Regular change key operates vertical set of pins. Shutout key sets plug on angle set of pins and locks out regular change keys.

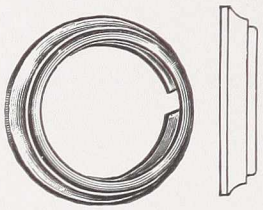
*Specify Length, or Thickness of door and lock trimming used; also can be furnished in lengths from 1⅞ to 3½ inches at additional price. Specify if dust guards are required by prefixing letter "D" to Number.
All cylinders master keyed at additional price. Key Class 1888 will be furnished regularly unless otherwise specified.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

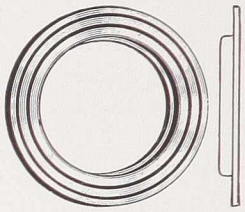
CYLINDER RINGS

REGULAR

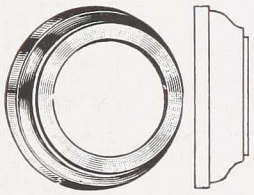

No. 1912

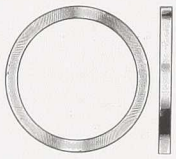

No. 1911

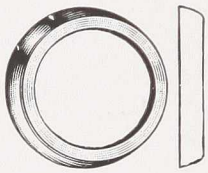

No. 1914

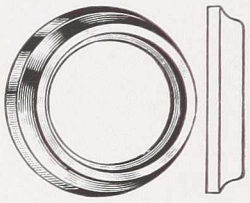

No. 1916F

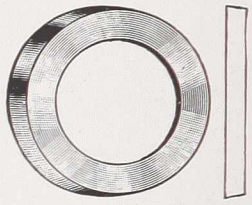
SPECIAL


No. 1915


No. 1913


No. 1917
Style No. 1918


No. 1916R

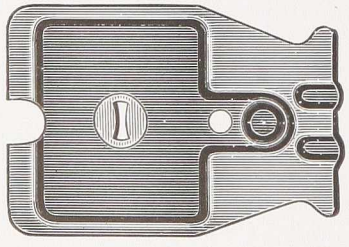

No. 1919

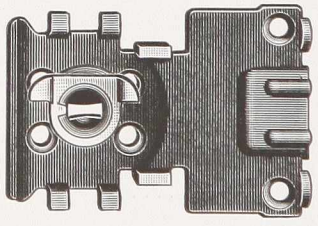
Number	SIZE			Material	Description
	Outside Diameter Inches	Inside Diameter Inches	Thickness		
1911	1 5/8	1 3/16	1 1/8	Wrought Bronze	Regular for standard cylinders
1912	1 1/2	1 3/16	3/16	Wrought Bronze	Regular for standard cylinders
***1913**	1 3/8	1 3/16	1/8	Wrought Bronze	Special, for standard cylinders
†1914	1 3/4	1 3/16	1/4, 3/16, 5/16	Wrought Bronze	Regular, spring ring for standard cylinders
1915	1 13/16	1 3/16	1/2	Cast Bronze	Special, for standard cylinders
1916F	1 7/8	1 3/16	1/16	Wrought Bronze	Regular, counter-sunk for standard rim cylinders
1916R	1 13/16	1 3/16	3/8	Wrought Bronze	Special, for standard rim cylinders
1917	1 1/2	1 3/16	1/4	Cast Bronze	Special, for standard cylinders
1918	1 1/2	1 3/16	5/16	Cast Bronze	Special, for standard cylinders
1919	1 7/8	1 3/16	3/16	Cast Bronze	Special, for standard cylinders

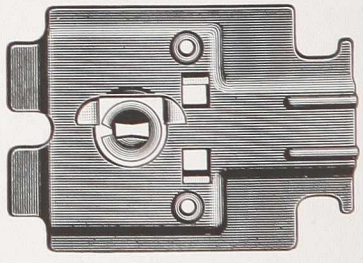
*No. 1913 can be furnished, other lengths to order.
†Specify thickness.
Specify number and finish. Refer to Page No. 32A for description of finishes.

RIM LATCH PARTS

No. 1920 False back

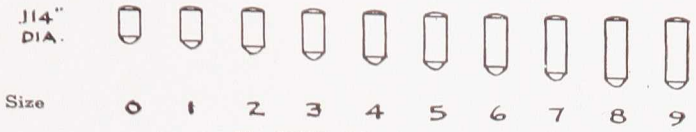

No. 1921 Back plate


No. 1922 Back plate


No. 1923 Back plate

Number	Size, Inches	Material	Description
1920	1 7/8x1 1/2	Wrought Steel	False back for rim latches Nos. 1003 and 1004
1921	2 1/4x3 1/4	Wrought Steel	Back plate for rim latches Nos. 1003 and 1004
1922	.....	Wrought Steel	Back plate for rim latches Nos. 1001 and 1002
1923	.....	Wrought Steel	Back plate for rim latches.

REPAIR PARTS



No. 1906C Cylinder Pins

No. 1906MD
Mushroom Drivers

No. 1907
Pin Tumbler Cylinder Springs

No. 1906MK
Master Key Discs

No. 1904C Cam

No. 1901C Cam

No. 1902C Retainer

No. 1902D Connecting Bar

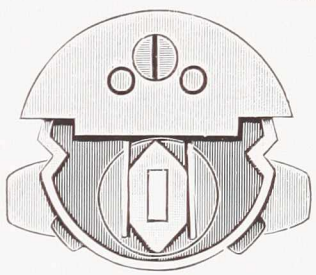
No. 1908 Cylinder Set Screw

No. 1902E Connecting Screw

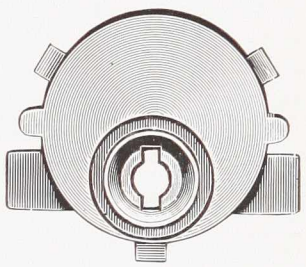
No. 30 Extension Spring

No. 25 Compression Spring

Nos. 020, 0020, 025 and 032 Flat Lock Spring



No. 1909



No. 1910

Turn Knob Discs for Cylinder Locks

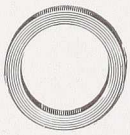
Number	Size, Inches	Material	Description
* 020	1/8x36	.020 Steel	Flat lock springs
*0020	3/16x36	.020 Steel	Flat lock springs
* 025	1/4x36	.025 Steel	Flat lock springs
* 032	1/8x36	.032 Steel	Flat lock springs
* 25	1/4x36	Brass	Coiled compression spring
* 30	9/32x5/8x1 1/8	Brass	Coiled extension spring
1901C	1x5/8	Wrought Bronze	Cam, plate and screws for No. 1901 mortise lock cylinder
1902C	5/8x3/8	Wrought Bronze	Retainer for No. 1902 rim lock cylinder
1902D	2 1/2x5/16	Steel	Connecting bar for No. 1902 rim lock cylinder
1902E	3/16x12-24x2	Steel	Connecting screw for No. 1902 rim lock cylinder
1904C	1x5/8	Wrought Bronze	Cam, and screws, for No. 1904 mortise lock cylinders where lock has a dead bolt throw of 1 inch
†1906C	.114 Diameter	German Silver	Cylinder pins for all standard cylinders
†1906MD	.114 Diameter	Bronze	Mushroom drivers for all standard cylinders
†1906MK	.114 Diameter	Bronze	Discs for master-keying all standard cylinders
1907	5/8x3/32	Brass	Pin tumbler cylinder springs
‡1908	1/8x8-32x2 and 2 3/8	Bronze	Cylinder set screws for mortise locks
1909	.....	Cast Bronze	Turn knob discs for locks made prior to year of 1930
1910	.....	Cast Bronze	Turn knob discs for standard mortise locks

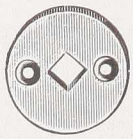
*Springs can be cut to specified length by so ordering.
†Specify number and size.
‡Specify number and length.

KNOB PARTS

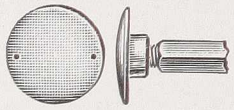
Full Size No. 01921

Full Size No. 01923


Full Size No. 01924


Half Size No. 01925

Half Size No. 1926

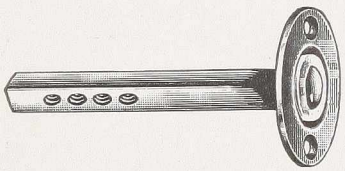

Half Size No. 1927

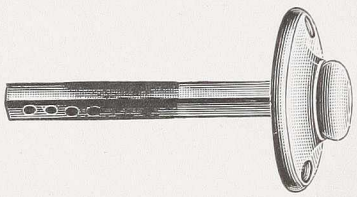
No. 1970

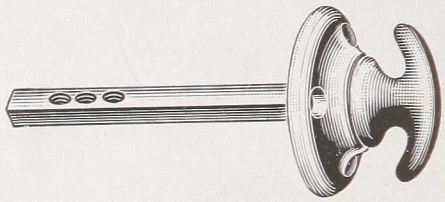
Number	Size, Inches	Description	Material
01921	$\frac{7}{32}$x$\frac{9}{32}$–32, Headless	Screw for Model B or C Mounting	Steel
01923	$\frac{3}{8}$x9/24, French Head	Screw for Standard Mounting	Steel
01924	.032–$\frac{19}{32}$x$\frac{13}{32}$	Washer for Standard Mounting	Steel
01925	1$\frac{3}{16}$ Diam. for $\frac{5}{16}$" spindle	Plate for holding knob rigid	Steel
1926	1$\frac{1}{4}$x$\frac{3}{8}$	Auxiliary spring for levers	Bronze
*1927	$\frac{3}{4}$	Spindle nut for $\frac{3}{16}$ or $\frac{5}{16}$ inch spindle	Bronze
1970	$\frac{3}{4}$	Indicator for hotel locks	Bronze

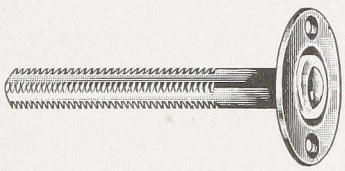
*Specify size of spindle and Finish. Packed Nos. 1926 and 1927, one dozen in a box. All other numbers, one gross in a box.

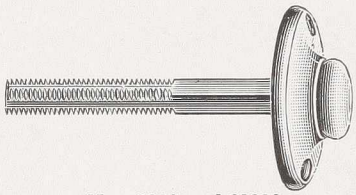
CLOSET SPINDLES

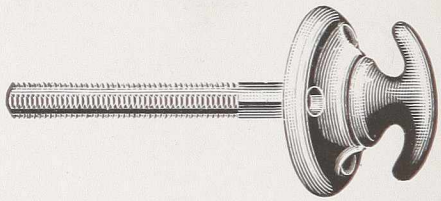

No. 01929


Nos. 1931 and 01931
Type Nos. 1931L and 01931L


Nos. 1933 and 01933
Type Nos. 1933L and 01933L


No. 01930

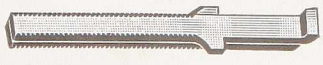

Nos. 1932 and 01932
Type Nos. 1932L and 01932L


Nos. 1934 and 01934
Type Nos. 1934L and 01934L

Number	Size, Inches	Mounting	MATERIAL		
			Turn or Head	Rose	Spindle
01929	$\frac{5}{16}$x2$\frac{1}{2}$	Standard	Wrought Steel	Wrought Steel	Steel
01930	$\frac{5}{16}$x2$\frac{1}{2}$	C	Wrought Steel	Wrought Steel	Steel
1931	$\frac{5}{16}$x2$\frac{1}{2}$	Standard	Cast Bronze	Wrought Bronze	Steel
01931	$\frac{5}{16}$x2$\frac{1}{2}$	Standard	Cast Iron	Wrought Steel	Steel
1931L	$\frac{5}{16}$x3	Standard	Cast Bronze	Wrought Bronze	Steel
01931L	$\frac{5}{16}$x3	Standard	Cast Iron	Wrought Steel	Steel
1932	$\frac{5}{16}$x2$\frac{1}{2}$	C	Cast Bronze	Wrought Bronze	Steel
01932	$\frac{5}{16}$x2$\frac{1}{2}$	C	Cast Iron	Wrought Steel	Steel
1932L	$\frac{5}{16}$x3	C	Cast Bronze	Wrought Bronze	Steel
01932L	$\frac{5}{16}$x3	C	Cast Iron	Wrought Steel	Steel
1933	$\frac{5}{16}$x2$\frac{1}{2}$	Standard	Cast Bronze	Wrought Bronze	Steel
01933	$\frac{5}{16}$x2$\frac{1}{2}$	Standard	Cast Iron	Wrought Steel	Steel
1933L	$\frac{5}{16}$x3	Standard	Cast Bronze	Wrought Bronze	Steel
01933L	$\frac{5}{16}$x3	Standard	Cast Iron	Wrought Steel	Steel
1934	$\frac{5}{16}$x2$\frac{1}{2}$	C	Cast Bronze	Wrought Bronze	Steel
01934	$\frac{5}{16}$x2$\frac{1}{2}$	C	Cast Iron	Wrought Steel	Steel
1934L	$\frac{5}{16}$x3	C	Cast Bronze	Wrought Bronze	Steel
01934L	$\frac{5}{16}$x3	C	Cast Iron	Wrought Steel	Steel

Packed 1 dozen in a box, with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.

SPLIT SPINDLES


No. 01937

Number	Size, Inches	Mounting	Description	Material
01937	$\frac{5}{16}$x3$\frac{5}{8}$	Model C	For Knob Operating Lock from One Side Only	Steel

Packed 1 dozen in a box. Specify Number and Finish. Refer to Page No. 32A for description of finish.

KNOB SPINDLES

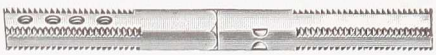
No. 01941, Standard
Type No. 01942, Standard
Type No. 01943, Standard
Type No. 01944, Standard

No. 01941½, Standard
Type No. 01942½, Standard

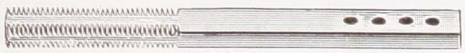
No. 01951, Combination
Type No. 01952, Combination

No. 01951½, Combination
Type No. 01952½, Combination

No. 01953, Combination

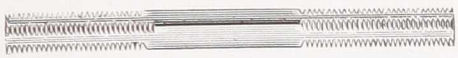


No. 01953½, Combination
Type No. 01954½, Combination



No. 01961, Model A
Type No. 01971, Model B

No. 01961½, Model A
Type No. 01971½, Model B



No. 01981, Model C
Type No. 01982, Model C
Type No. 01983, Model C

No. 01981½, Model C
Type No. 01982½, Model C

No. 01987½, Model C

No. 01986½, Combination

5/16 Inch-Square

Number	Type	Length	Mounting	For Knobs	Material
01941	Straight	4½ Inches	Standard	Metal	Wrought Steel
01941½	Swivel	5 Inches	Standard	Metal	Wrought Steel
01942	Straight	3⅝ Inches	Standard	Glass	Wrought Steel
01942½	Swivel	4⅛ Inches	Standard	Glass	Wrought Steel
*01943	Straight	3⅜ Inches	Standard	Metal	Wrought Steel
*01944	Straight	3⅝ Inches	Standard	Metal	Wrought Steel
01951	Straight	4½ Inches	Combination Standard and Model C	Metal	Wrought Steel
01951½	Swivel	5 Inches		Metal	Wrought Steel
01952	Straight	3⅜ Inches		Glass	Wrought Steel
01952½	Swivel	4½ Inches		Glass	Wrought Steel
01953	Straight	3⅜ Inches		Metal or Glass	Wrought Steel
01953½	Swivel	4 Inches		Metal or Glass	Wrought Steel
01954½	Swivel	5 Inches		Metal or Glass	Wrought Steel
01961	Straight	5½ Inches	A	Metal	Wrought Steel
01961½	Swivel	5½ Inches	A	Metal	Wrought Steel
01971	Straight	5½ Inches	B	Metal	Wrought Steel
01971½	Swivel	5 Inches	B	Metal	Wrought Steel
01981	Straight	4½ Inches	C	Metal	Wrought Steel
01981½	Swivel	5 Inches	C	Metal	Wrought Steel
01982	Straight	3⅜ Inches	C	Glass	Wrought Steel
01982½	Swivel	4 Inches	C	Glass	Wrought Steel
*01983	Straight	3¾ Inches	C	Metal	Wrought Steel
01986½	Swivel	5 Inches	Combination—⅜ Center	Metal	Wrought Steel
01987½	Swivel	5 Inches	—⅜ Center	Metal	Wrought Steel

Packed 3 dozen in a box.
Spindles tapped for side knob screws 9-24. Spindles threaded for knob shanks have US20 thread.
*No. 01943 used with metal knob and lever for mortise screen door sets.
*No. 01944 used with metal knob and lever for rim screen door sets and cast iron rim sets.
*No. 01983 used with metal knob for hammered iron designs.

EMBLEMS AND MONOGRAMS

CAST BRONZE, BRASS

Type A
Knights Templar

Type B
Mystic Shrine

Type C
Masonic

Type D
Royal Arch Chapter

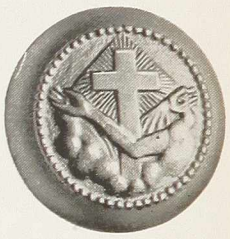
Type E
Consistory

Type F
Benevolent and Protective Order of Elks

Type G

Type H
Eastern Star

Type I
Cross



Type J
Franciscan

Type K
Odd Fellows

Type L
Fraternal Order of Eagles

Type M
Knights of Pythias

Type N
Y. M. C. A.

Type P
Monogram

Type R
Monogram

Type S
Banks

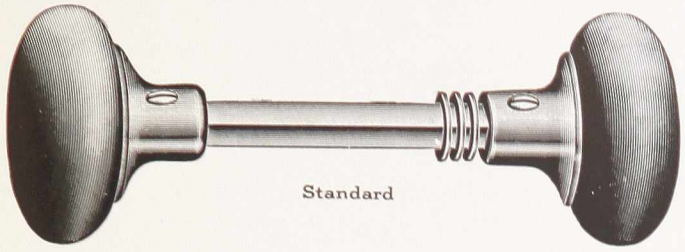
Type T
Chicago Board of Education

Type U
Detroit Board of Education

Above emblems and monograms may be used on knobs or plates and these cuts show a few of the many patterns we have in stock.
Write for further information regarding the furnishing of special designs.
Knobs are regularly furnished in 2¼ inch size.

SAGER
Locks

KNOB MOUNTINGS

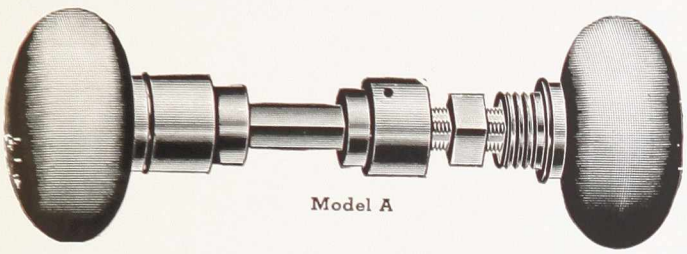


Standard

STANDARD

Furnished with Wrought or Porcelain Knobs.

Knobs are attached to the spindle by side knob screws which pass through the knob shank into tapped holes in the spindle. The spindle is tapped at several points, and with the knob washers furnished, a proper adjustment may be obtained for doors 1⅜ to 2¼ inches thick.



Model A

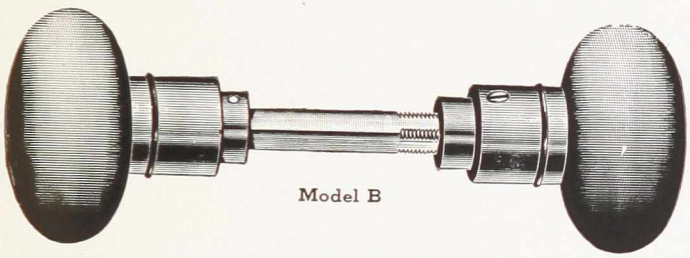
MODEL A

Furnished with Cast Knobs Only.

The outside knob is pinned fast to the spindle by a pin which is covered by the thimble on the rose or escutcheon.

The inside knob, by means of the screwed shank and locknut, has a very close adjustment for door 1⅜ to 2¼ inches thick, thus giving a close fit, eliminating any end movement or binding. The shank of knob and hub are machined, which gives a firm bearing. A wrench is furnished to set up the shank.

Be sure to state thickness of doors.



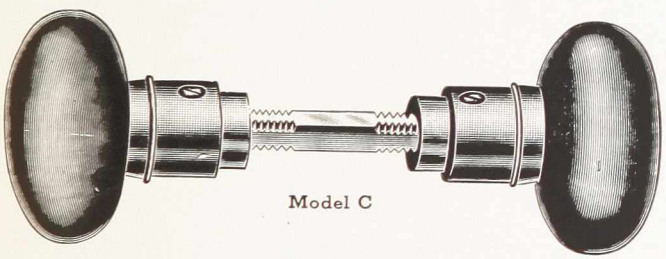
Model B

MODEL B

Furnished with Cast or One Piece Wrought Knobs.

The outside knob is pinned fast to the spindle by a pin which is covered by the thimble on the rose or escutcheon.

The shank of the inside knob and the spindle are threaded, and the knob is screwed onto the spindle to make a close working contact. The knob is held securely in place by a flat pointed steel set screw, through the shank of the knob, onto the flat surface of the spindle. For doors 1⅜ to 2¼ inches thick.



Model C

MODEL C

Furnished with Cast, Wrought One Piece, Knobs, Glass Knobs or Lever Handles.

The shanks of both outside and inside knobs and the spindle are threaded, and the knobs are screwed onto the spindle to make a close working contact. The knobs are held securely in place by a flat pointed steel set screw, through the shank of the knob, onto the flat surface of the spindle. For doors 1⅜ to 2¼ inches thick.

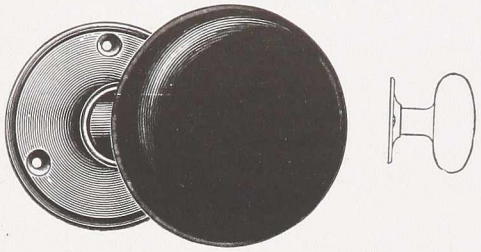
Model SS

SLEEVE SHANK MODEL SS

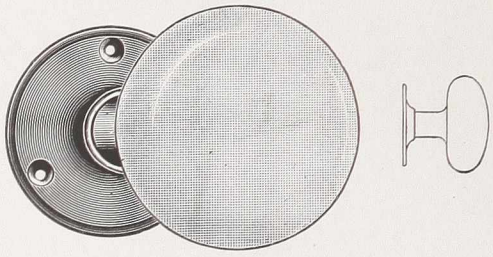
The set screw is inserted through a hole in the sleeve. After the set screw is tightened, the sleeve is turned to cover the set screw and prevents it from working loose or being tampered with. The sleeve is used on a pair of Model B knobs with one end pinned and the other with knob screw. It cannot be used on knobs having moulded or French shanks.

Special length spindles can be furnished with any of above mounting.

DOOR KNOBS



Nos. J02102¼, J02102¼M, M02102¼ and M02102¼M x Roses 02005

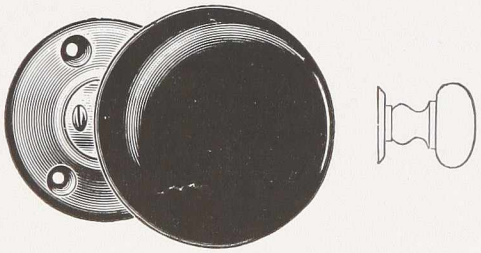


Nos. P02102¼, and P02102¼M x Roses 02005

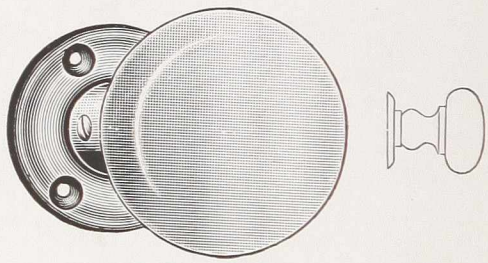
JET, MINERAL AND PORCELAIN KNOBS—With 5/16" Standard Spindle Mountings

Number	Size, Inches	Rose	Protection, Inches	Top	Shank	Description
J02102¼	2¼	02005	1⅞	Jet	Iron	Round, for Rim Locks
J02102¼M	2¼	02005	1⅞	Jet	Iron	Round, for Mortise Locks
M02102¼	2¼	02005	1⅞	Mineral	Iron	Round, for Rim Locks
M02102¼M	2¼	02005	1⅞	Mineral	Iron	Round, for Mortise Locks
P02102¼	2¼	02005	1⅞	Porcelain	Iron	Round, for Rim Locks
P02102¼M	2¼	02005	1⅞	Porcelain	Iron	Round, for Mortise Locks

Packed 6 pair in a box, with roses, spindle and screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



No. J2132¼ x 2002B
Type No. J2131¾ x 2001B
Type No. J2132 x 2001B



No. P2132¼ x 2002B
Type No. P2131¾x 2001B
Type No. P2132 x 2001B

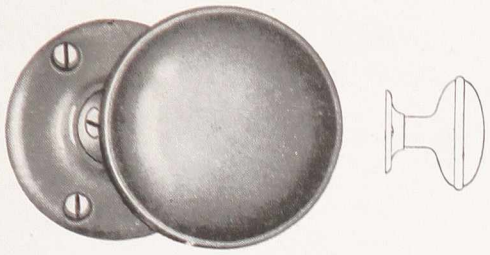
PORCELAIN AND JET KNOBS, CAST BRONZE OR BRASS SHANKS
—With 5/16" Model "C" Spindle Mountings

Number	Size, Inches	Wrought Roses	Projection, Inches	Top	Shank	Description
P2131¾	1¾	2001B	2	Porcelain	Cast Bronze	Round, for Mortise Locks
P2132	2	2001B	2	Porcelain	Cast Bronze	Round, for Mortise Locks
P2132¼	2¼	2002B	2¼	Porcelain	Cast Bronze	Round, for Mortise Locks
J2131¾	1¾	2001B	2	Jet	Cast Bronze	Round, for Mortise Locks
J2132	2	2001B	2	Jet	Cast Bronze	Round, for Mortise Locks
J2132¼	2¼	2002B	2¼	Jet	Cast Bronze	Round, for Mortise Locks

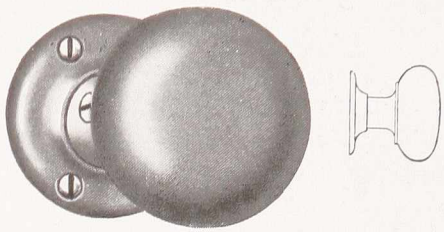
Packed 1 pair in a box, with roses, spindles and screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Specify if other type of roses required, refer to Page Nos. 129 and 130.

DOOR KNOBS

WROUGHT BRONZE, BRASS OR STEEL



Nos. 02122¼ x 02002
Nos. 02122¼R x 02005



Nos. 2112¼ x 2002 and
02112¼ x 02002
Type Nos. 2111¾ x 2001 and
02111¾ x 02001
Type Nos. 2111¾C x 2001 and
02111¾C x 02001
Type Nos. 2112C x 2001 and
02112C x 02001
Type Nos. 2112¼C x 2002 and
02112¼C x 02002

WROUGHT BRONZE, BRASS OR STEEL—With 5/16" Standard Spindle Mountings

Number	Size, Inches	Rose	Projection, Inches	Material	Description
02122¼	2¼	02002	2¼	Steel	Round, two piece
02122¼R	2¼	02005	2¼	Steel	Round, two piece (Rim Locks)
2111¾	1¾	2001	2⅛	Bronze	Round, one piece
02111¾	1¾	02001	2⅛	Steel	Round, one piece
2112¼	2¼	2002	2¼	Bronze	Round, one piece
02112¼	2¼	02002	2¼	Steel	Round, one piece

Packed 6 pair in a box, with roses, spindle and screws.
Specify Finish, Page No. 32A.
Can be furnished with other type roses. Refer to Page No. 129 and 130.
Specify if other type spindle mounting required, see Page No. 117.

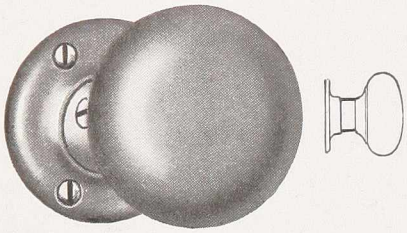
WROUGHT BRONZE, BRASS OR STEEL—With 5/16" Model "C" Spindle Mountings

Number	Size, Inches	Roses	Projection, Inches	Material	Description
2111¾C	1¾	2001	2⅛	Bronze	Round, one piece
02111¾C	1¾	02001	2⅛	Steel	Round, one piece
2112C	2	2001	2¼	Bronze	Round, one piece
02112C	2	02001	2¼	Steel	Round, one piece
2112¼C	2¼	2002	2¼	Bronze	Round, one piece
02112¼C	2¼	02002	2¼	Steel	Round, one piece

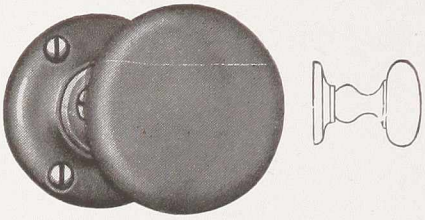
Packed 6 pair in a box, with roses, spindle and screws.
Specify Finish, Page No. 32A.
Can be furnished with other type roses. Refer to Page No. 129 and 130.
Specify if other type spindle mounting required, see Page No. 117.

DOOR KNOBS

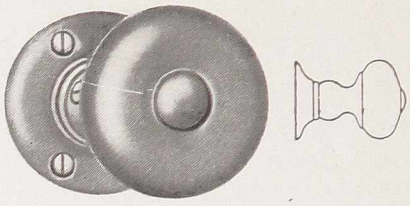
WROUGHT TOP, CAST SHANK BRONZE OR BRASS



Nos. 2182¼ x 2002
Wrought Top—Cast Shank



Nos. YC101¾ x YC2090
Type No. YC102 x YC2090
Wrought Top—Cast Shank

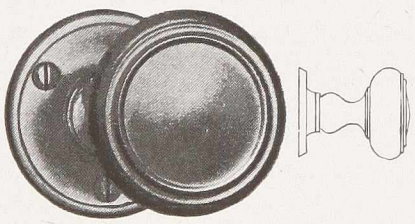


Nos. RH101¾ x RH2090
Wrought Top—Cast Shank

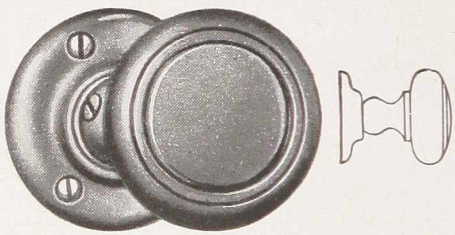
WROUGHT TOP, CAST SHANK, BRONZE OR BRASS KNOBS—With 5/16" Model "C" Spindle Mountings

Number	Size, Inches	Roses	Projection, Inches	Material	Description
2182¼	2¼	2002	2⅛	Bronze	Round
YC101¾	1¾	YC2090	2¼	Bronze	Round
YC102	2	YC2090	2⅜	Bronze	Round
RH101¾	1¾	RH2090	2½	Bronze	Round

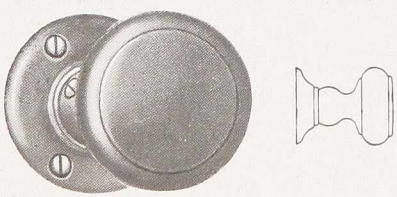
Packed 1 pair in a box, with roses, spindles and screws.
Can be furnished with other type roses. Refer to Page Nos. 129 and 130.
For concealed screw type of roses, refer to Page No. 130.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.



Nos. YE102 x YE2090
Wrought Top—Cast Shank



Nos. RC102 x RC2090
Wrought Top—Cast Shank



Nos. BH101¾ x BH2090
Wrought Top—Cast Shank

Nos. LL101¾ x LL2090
Wrought Top—Cast Shank

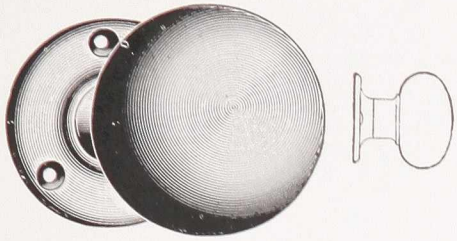
WROUGHT TOP, CAST SHANK, BRONZE OR BRASS KNOBS—With 5/16" Model "C" Spindle Mountings

Number	Size, Inches	Roses	Projection, Inches	Material	Description
YE102	2	YE2090	2½	Bronze	Round
BH101¾	1¾	BH2090	2¼	Bronze	Round
LL101¾	1¾	LL2090	2½	Bronze	Round
RC102	2	RC2090	2½	Bronze	Round

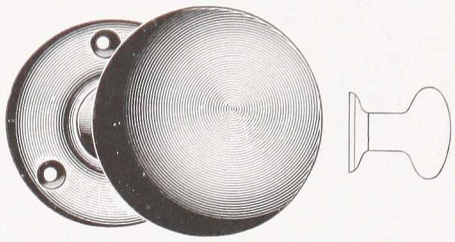
Packed 1 pair in a box, with roses, spindles and screws.
Can be furnished with other type roses. Refer to Page Nos. 129 and 130.
For concealed screw type of roses, refer to Page No. 130.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.

DOOR KNOBS

CAST BRONZE OR BRASS



Nos. 2152¼ x 2013
Type Nos. 2151¾ x 2012 and
2152½ x 2014

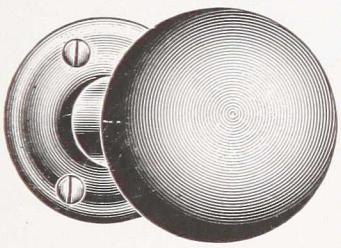


Nos. 2142¼ x 2013
Type Nos. 2141¾, 2012, 2142 x 2012
and 2142½ x 2014

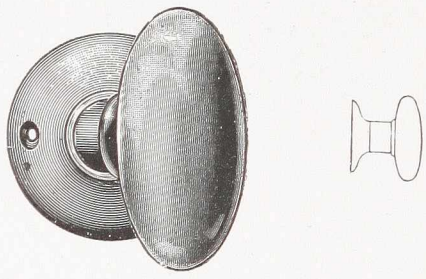
CAST BRONZE OR BRASS KNOBS—With 5/16" Model "C" Spindle Mountings

Number	Size, Inches	Roses	Projection, Inches	Material	Description
2141¾	1¾	2012	1⅞	Cast Bronze	Round
2142	2	2012	2	Cast Bronze	Round
2142¼	2¼	2013	2⅛	Cast Bronze	Round
2142½	2½	2004	2¼	Cast Bronze	Round
2151¾	1¾	2012	2 3/16	Cast Bronze	Spheroid
2152¼	2¼	2013	2½	Cast Bronze	Spheroid
2152½	2½	2014	2¾	Cast Bronze	Spheroid

Packed 1 pair in a box, with roses, spindles and screws.
Specify of other types of roses required, refer to Page Nos. 129 and 130.
Specify if other type spindle mounting required, refer to Page No. 117.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



Nos. 2162¼ x 2013
Type Nos. 2161¾ x 2012 and
2162½ x 2014



Nos. 2172¼ x 2013
Type Nos. 2171¾ x 2012 and
2172½ x 2014

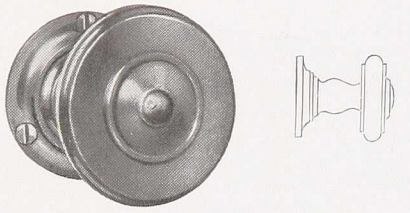
CAST BRONZE OR BRASS KNOBS—With 5/16" Model "C" Spindle Mountings

Number	Size, Inches	Roses	Projection, Inches	Material	Description
2161¾	1¾	2012	2¾	Cast Bronze	Ball
2162¼	2¼	2013	3⅛	Cast Bronze	Ball
2162½	2½	2014	3 9/16	Cast Bronze	Ball
2171¾	2¼x1¼	2012	2⅛	Cast Bronze	Oval
2172¼	2⅝x1⅜	2013	2¼	Cast Bronze	Oval
2172½	2⅞x2¾	2014	2½	Cast Bronze	Oval

Packed 1 pair in a box, with roses, spindles and screws.
Specify if other types of roses required, refer to Page Nos. 129 and 130.
Specify if other type spindle mounting required, refer to Page No. 117.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

DOOR KNOBS

CAST BRONZE OR BRASS



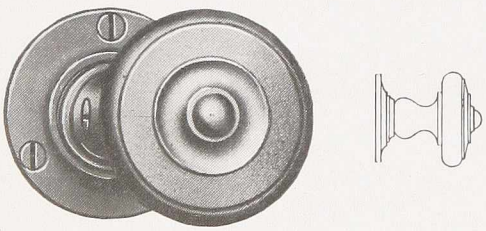
Nos. NE102 x NE2091
Type Nos. 101¾ x NE2090

Nos. YS101¾ x 2012
Type No. YS102 x 2012

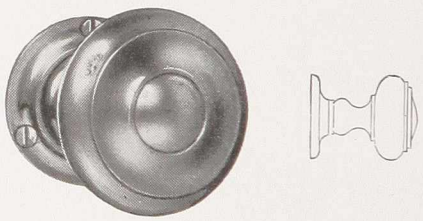
CAST BRONZE OR BRASS—With 5/16" Model "C" Spindle Mountings

Number	Size, Inches	Roses	Projection, Inches	Material	Description
NE101¾	1¾	NE2090	2¼	Cast Bronze	Round
NE102	2	NE2091	2⅜	Cast Bronze	Round
YS101¾	1¾	2012	1⅞	Cast Bronze	Round
YS102	2	2012	2	Cast Bronze	Round

Packed 1 pair in a box, with roses, spindles and screws.
For concealed screw type of roses, No. 2020 or 2021 are required. Refer to Page No. 130.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Specify if other types of roses required, refer to Page No. 129 and 130.



Nos. YD102⅛ x YD2091
Type Nos. YD102 x YD2091



Nos. YR102 x YR2090
Type of
Nos. YR101¾ x YR2090
Nos. YR102½ x YR2091
No. YR103 x YR2091

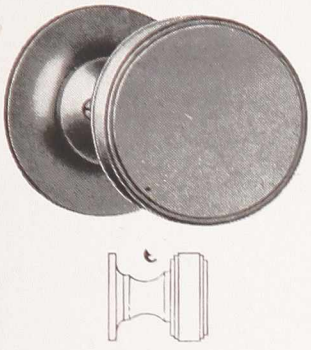
CAST BRONZE OR BRASS—With 5/16" Model "C" Spindle Mountings

Number	Size, Inches	Roses	Projection, Inches	Material	Description
YD102⅛	2⅛	YD2091	2⅝	Cast Bronze	Round
YD103	3	YD2091	2⅞	Cast Bronze	Round
YR101¾	1¾	YR2090	2⅛	Cast Bronze	Round
YR102	2	YR2090	2¼	Cast Bronze	Round
YR102½	2½	YR2091	2⅜	Cast Bronze	Round
YR103	3	YR2091	2½	Cast Bronze	Round

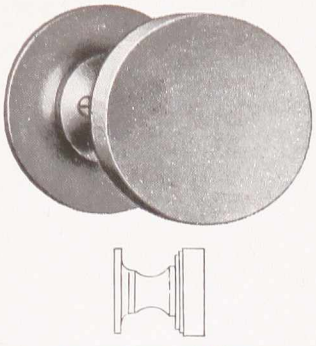
Packed 1 pair in a box, with roses, spindles and screws.
For concealed screw type of roses, No. 2020 or 2021 are required. Refer to Page No. 130.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Specify if other types of roses required, refer to Page No. 129 and 130.

DOOR KNOBS

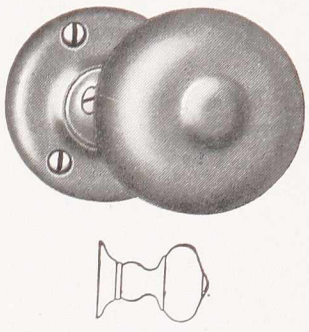
CAST BRONZE OR BRASS



No. OT102 x OT2090



No. OA102 x OA2090

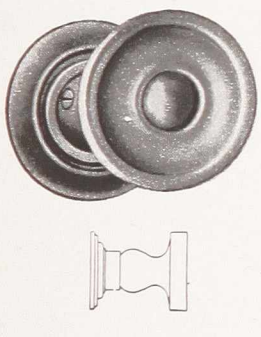


No. KS102 x KS2091
No. KS101¾ x KS2090

CAST BRONZE OR BRASS—With 5/16" Model "C" Spindle Mountings—With Two Set Screws Each

Number	Size, Inches	Roses	Projection, Inches	Material	Description
OT102	2	OT2090	2⅜	Cast Bronze	Round
OA102	2	OA2090	2⅛	Cast Bronze	Round
KS101¾	1¾	KS2090	2⅝	Cast Bronze	Round
KS102	2	KS2091	2¾	Cast Bronze	Round

Packed 1 pair in a box, with roses, spindles and screws.
Can be furnished with other type roses, refer to Page No. 129 and 130.
For concealed screw types of roses refer to Page No. 130.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.



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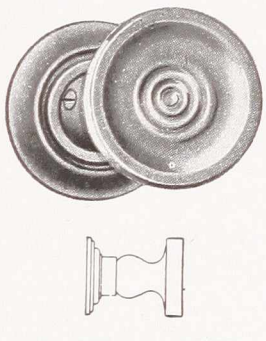
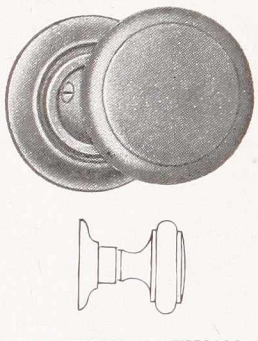


No. AS101¾ x AS2090



No. FH101¾ x FH2090
No. FH102 x FH2090
No. FH102½ x FH2093
No. FH103 x FH2093

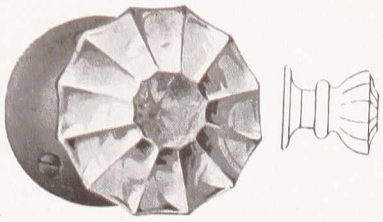
CAST BRONZE OR BRASS—With 5/16" Model "C" Spindle Mountings—With Two Set Screws Each

Number	Size, Inches	Roses	Projection, Inches	Material	Description
AS101¾	1¾	AS2090	2¼	Cast Bronze	Round
FR101¾	1¾	FR2090	2¼	Cast Bronze	Round
FH101¾	1¾	FH2090	2⅛	Cast Bronze	Round
FH102	2	FH2090	2½	Cast Bronze	Round
FH102½	2½	FH2093	2⅝	Cast Bronze	Round
FH103	3	FH2093	2 11/16	Cast Bronze	Round

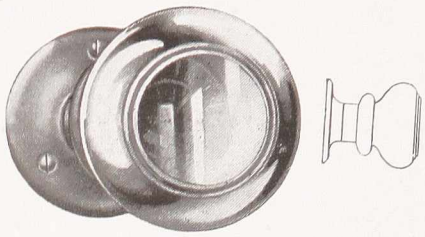
Packed 1 pair in a box, with roses, spindles and screws.
Can be furnished with other type roses, refer to Page No. 129 and 130.
For concealed screw type of roses refer to Page No. 130.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.

GLASS DOOR KNOBS

No. EF2202 x 2001 and EF2222 x 2012



No. JF2202 x 2001 and JF2222 x 2012

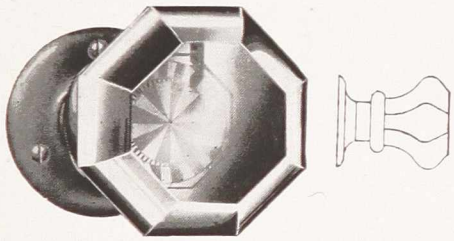


No. PF2202 x 2001
Type No. PF2222 x 2012

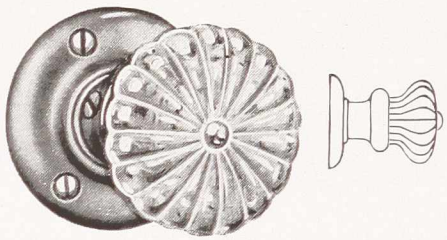
BRONZE OR BRASS SHANKS AND ROSES—With 5/16" Model "C" Spindle Mountings

Wrought Shanks and Roses		Cast Shanks and Roses		Size Inches	Projection Inches	Description
Number	Roses, Two Number	Number	Roses, Two Number			
EF2202	2001	**EF2222**	2012	2	2½	Rope, clear glass, fire polished
JF2202	2001	**JF2222**	2012	2	2¼	Fluted, clear glass, fire polished
PF2202	2001	**PF2222**	2012	2	2¼	Round, clear glass, fire polished

Packed 6 pair in a box, with roses, spindle and screws.
Can be furnished with other type roses. Refer to Page Nos. 129 and 130.
For concealed screw-type of roses, refer to Page 130.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.



Nos. DF2202¼ x 2002, DF2222¼ x 2013
Type Nos. DF2202 x 2001, DF2222 x 2012



No. FF2202 x 2001
Type No. F2222 x 2012

BRONZE OR BRASS SHANKS AND ROSES—With 5/16" Model "C" Spindle Mountings

Wrought Shanks and Roses		Cast Shanks and Roses		Size Inches	Projection Inches	Description
Number	Roses, Two Number	Number	Roses, Two Number			
DF2202	2001	**DF2222**	2012	2	2⅛	Octagon, clear glass, fire polished
DF2202¼	2002	**DF2222¼**	2013	2¼	2¼	Octagon, clear glass, fire polished
FF2202	2001	**FF2222**	2012	2	.....	Clear glass, fire polished

Packed 6 pair in a box, with roses, spindle and screws.
Can be furnished with other type roses. Refer to Page Nos. 129 and 130.
For concealed screw type of roses, refer to Page 130.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.

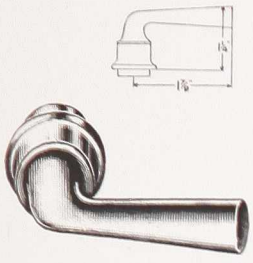
These Items have been discontinued

GLASS DOOR KNOBS

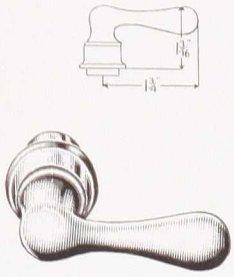
No. L2221 3/4
L2222 1/4
G2221 3/4
G2222 1/4
Y2221 3/4
Y2222

No. M2221 3/4
M2222 1/4
H2221 3/4
H2222 1/4
K2221 3/4
K2222 1/4

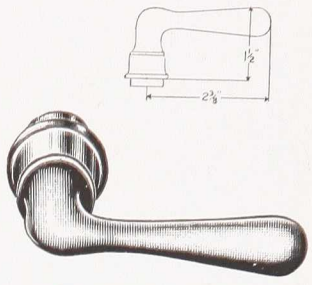
LEVER HANDLES



Nos. 2302 and 02302



Nos. 2303 and 02303

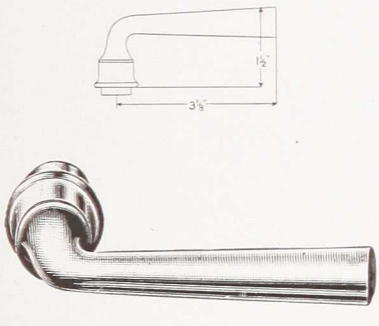


Nos. 2304 and 02304

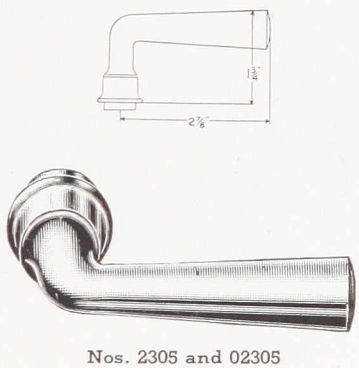
CAST BRONZE, BRASS OR IRON—For Screen Door and French Window Sets

Number	Length Center of Spindle to End of Handle Inches	Projection From Rose Flange to Widest Part of Handle Inches	Spindle Inches	Material
2302	1 7/8	1 1/4	5/16	Cast Bronze
02302	1 7/8	1 1/4	5/16	Cast Iron
2303	1 3/4	1 3/16	5/16	Cast Bronze
02303	1 3/4	1 3/16	5/16	Cast Iron
2304	2 3/8	1 1/2	5/16	Cast Bronze
02304	2 3/8	1 1/2	5/16	Cast Iron

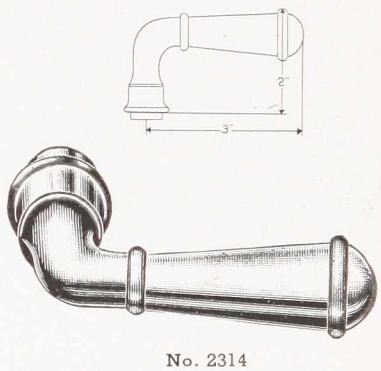
Packed 6 pair in a box with spindle, without roses.
Specify roses required. Refer to Pages No. 129 and 130.
For other lever handles, refer to design section.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
All above levers can be furnished with standard mountings.



No. 2311



Nos. 2305 and 02305
Type No. 2312



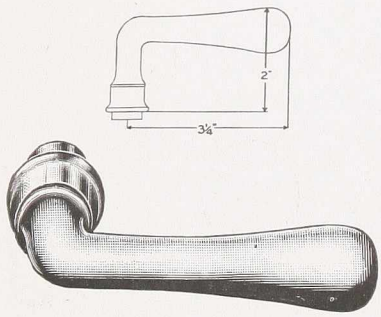
No. 2314

CAST BRONZE, BRASS OR IRON—Model "C" Spindle Mountings

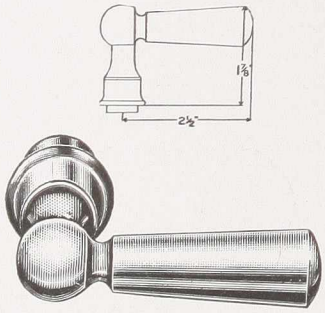
Number	Length Center of Spindle to End of Handle Inches	Projection From Rose Flange to Widest Part of Lever Inches	Spindle Inches	Material
2305	2 7/8	1 3/4	5/16	Cast Bronze
02305	3	1 3/4	5/16	Cast Iron
2311	3 1/8	1 1/2	5/16	Cast Bronze
2312	2 7/8	1 3/4	5/16	Cast Bronze
2314	3	2	5/16	Cast Bronze

Packed 6 pair in a box with spindle, without roses.
Specify roses required. Refer to Page Nos. 129 and 130. For other lever handles, refer to design section.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

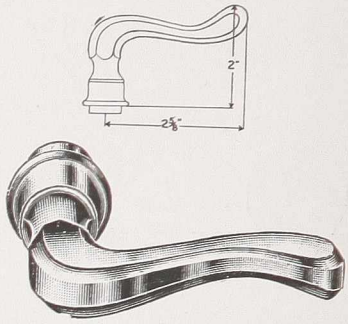
LEVER HANDLES



No. 2317



No. 2315

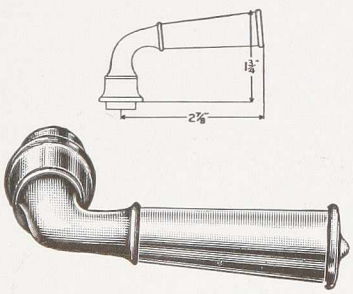


No. 2316

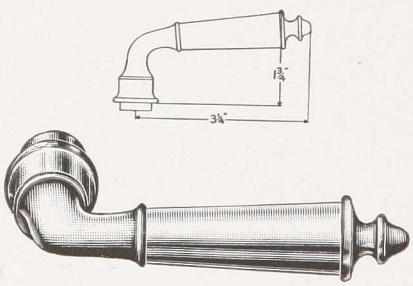
CAST BRONZE OR BRASS—Model "C" Spindle Mountings

Number	Length Center of Spindle To End of Lever Inches	Projection From Rose Flange To Widest Part of Lever Inches	Spindle Inches	Material
2315	2½	1⅞	5/16	Cast Bronze
2316	2⅝	2	5/16	Cast Bronze
2317	3¼	2	5/16	Cast Bronze

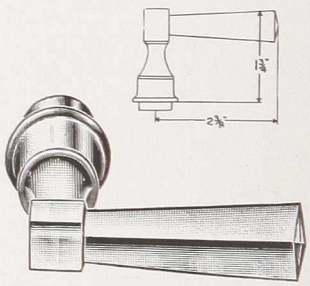
Packed 6 pair in a box with spindle without roses.
Specify roses required. Refer to Pages Nos. 129 and 130. For other levers, refer to design section.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



No. 2329
Type No. 2330
Type No. 2331



No. 2319
Type No. 2320
Type No. 2321



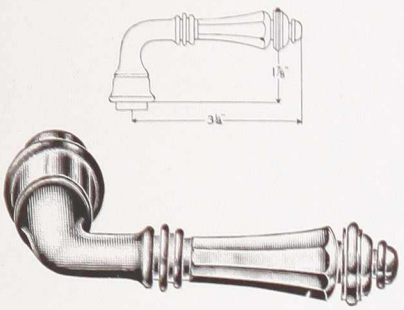
No. 2338

CAST BRONZE OR BRASS—Model "C" Spindle Mountings

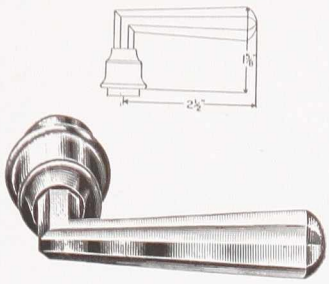
Number	Length Center of Spindle To End of Lever Inches	Projection From Rose Flange To Widest Part of Lever Inches	Spindle Inches	Material
2319	3¼	1¾	5/16	Cast Bronze
2320	3⅞	1¾	5/16	Cast Bronze
2321	5¼	2⅛	5/16	Cast Bronze
2329	2⅞	1¾	5/16	Cast Bronze
2330	3⅝	1¾	5/16	Cast Bronze
2331	5	2¼	5/16	Cast Bronze
2338	2⅜	1¾	5/16	Cast Bronze

Packed 6 pair in a box with spindle, without roses.
Specify roses required. Refer to Pages Nos. 129 and 130. For other lever handles, refer to design section.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

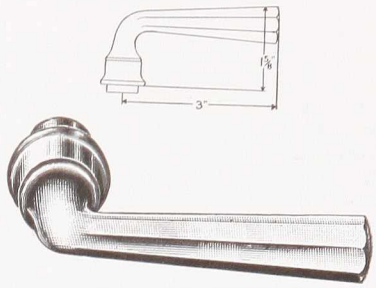
LEVER HANDLES



No. 2339



No. 2318

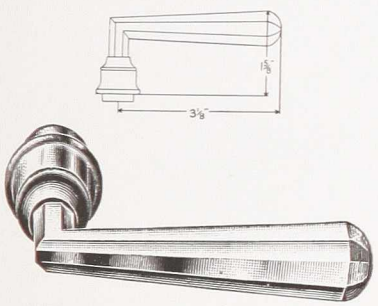


No. 2342

CAST BRONZE OR BRASS—Model "C" Spindle Mountings

Number	Length Center of Spindle to End of Lever Inches	Projection From Rose Flange to Widest Part of Lever Inches	Spindle Inches	Material
2318	2½	1 5/8	5/16	Cast Bronze
2339	3¼	1 7/8	5/16	Cast Bronze
2342	3	1 5/8	5/16	Cast Bronze

Packed 6 pair in a box with spindle, without roses.
Specify roses required. Refer to Pages No. 129 and 130. For other lever handles, refer to design section.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



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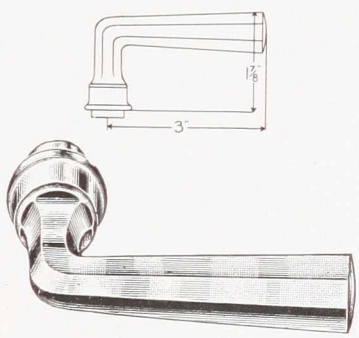
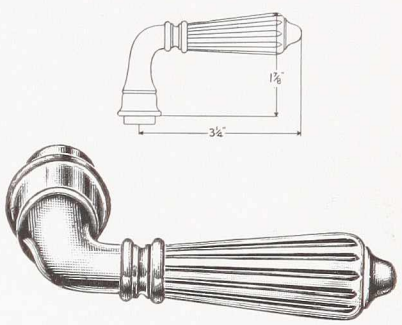


No. 2345
Type No. 2344
Type No. 2346



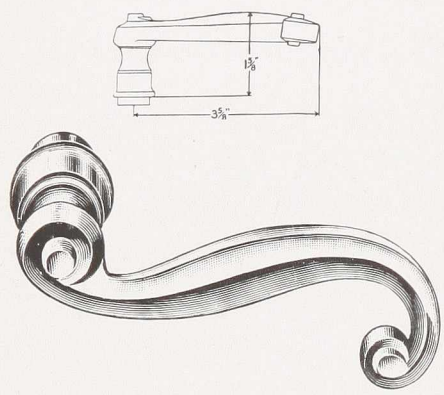
No. 2348

CAST BRONZE OR BRASS—Model "C" Spindle Mountings

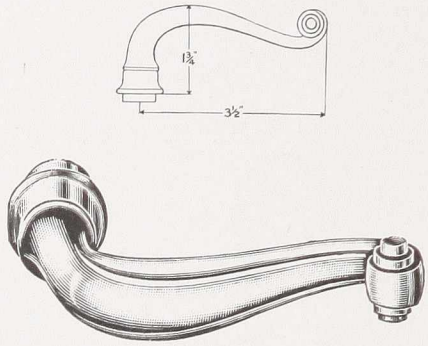
Number	Length Center of Spindle to End of Lever Inches	Projection From Rose Flange to Widest Part of Lever Inches	Spindle Inches	Material
2343	3 1/8	1 5/8	5/16	Cast Bronze
2344	2½	1 7/8	5/16	Cast Bronze
2345	3	1 7/8	5/16	Cast Bronze
2346	3¼	1 7/8	5/16	Cast Bronze
2348	3¼	1 7/8	5/16	Cast Bronze

Packed 6 pair in a box with spindle, without roses.
Specify roses required. Refer to Pages No. 129 and 130. For other lever handles, refer to design section.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

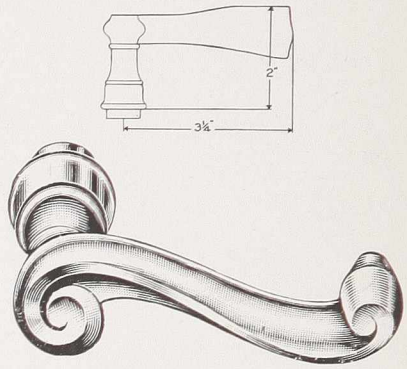
LEVER HANDLES



No. 2322 Right Hand



No. 2327

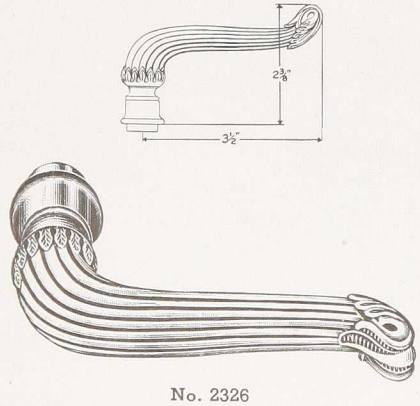


No. 2340 Right Hand

CAST BRONZE OR BRASS—Model "C" Spindle Mountings

Number	Length Center of Spindle To End of Lever Inches	Projection From Rose Flange To Widest Part of Lever Inches	Spindle Inches	Material
*2322	3 5/8	1 5/8	5/16	Cast Bronze
2327	3 1/2	1 3/4	5/16	Cast Bronze
*2340	3 1/4	2	5/16	Cast Bronze

Packed 6 pair in a box with spindle, without roses.
*When ordering Nos. 2322 and 2340 in half pairs, hand must be specified.
Specify roses required. Refer to Pages Nos. 129 and 130. For other lever handles, refer to design section.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



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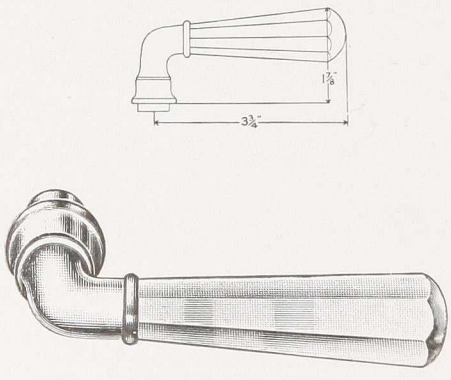
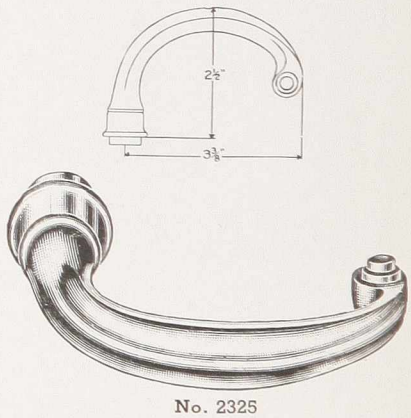


No. 2352



No. 2325

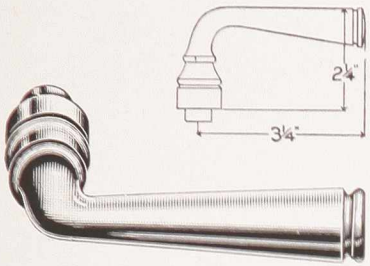
CAST BRONZE OR BRASS—Model "C" Spindle Mountings

Number	Length Center of Spindle To End of Lever Inches	Projection From Rose Flange To Widest Part of Lever Inches	Spindle Inches	Material
2325	3 3/8	2 1/2	5/16	Cast Bronze
2326	3 1/2	2 3/8	5/16	Cast Bronze
2352	3 3/4	1 7/8	5/16	Cast Bronze

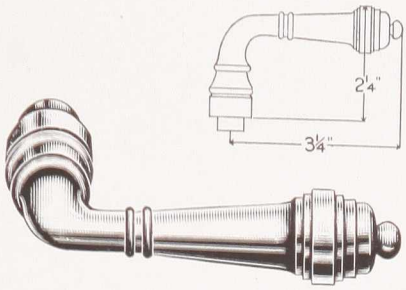
Packed 6 pair in a box with spindle, without roses.
Specify roses required. Refer to Pages Nos. 129 and 130. For other lever handles, refer to design section.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

LEVER HANDLES

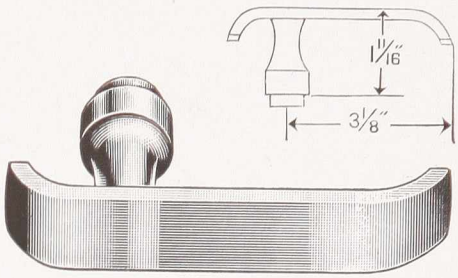
WITHOUT ROSES



No. 2359



No. 2364
Type No. 2365 and 2366



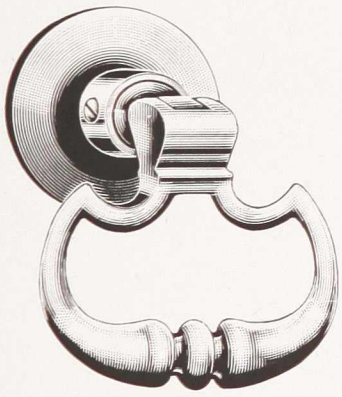
No. 2324

CAST BRONZE OR BRASS—Model "C" Spindle Mountings, With Two Set Screws Each

Number	Length Center of Spindle to End of Lever Inches	Projection From Rose Flange to Widest Part of Lever Inches	Spindle Inches	Material
*2324	3 1/8	1 11/16	5/16	Cast Bronze
2359	3 1/4	2 1/4	5/16	Cast Bronze
2364	3 1/4	2 1/4	5/16	Cast Bronze
2365	4 1/8	3	5/16	Cast Bronze
2366	4 3/4	3	5/16	Cast Bronze

Packed 6 pair in a box with spindle, without roses.
Specify roses required. Refer to Pages No. 129 and 130. For other lever handles, refer to design section.
*No. 2324—Length overall—4 1/8 inches.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.

DROP RING HANDLES



No. 2391

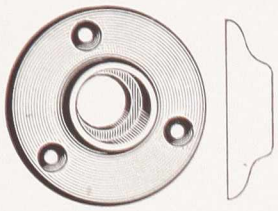
No. 2392

CAST BRONZE OR BRASS—Model "C" Spindle Mountings

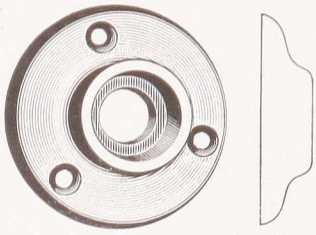
Number	Width Inches	Length, Center of Spindle to Bottom of Drop Ring Inches	†Rose Inches	Projection Inches With Rose	*Spindle Inches
2391	2 3/4	2 1/2	No. 2021-2"	2 3/8	5/16
2392	3 1/2	3	No. 2021-2"	2 3/8	5/16

Specify length of spindle or thickness of door.
*Drop ring is pinned to spindle with other end of spindle threaded for Model "C" Mounting.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.
†Any Model "C" rose can be substituted at difference in price.

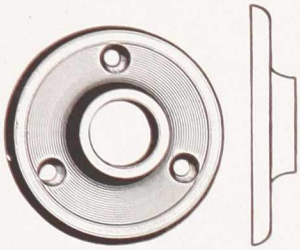
KNOB ROSES



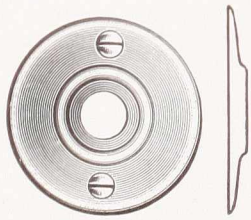
Nos. 2001 and 02001



Nos. 2002 and 02002



Nos. 2004 and 02004

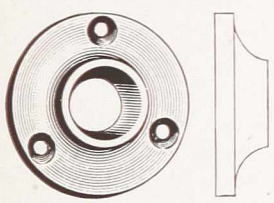


No. 02005

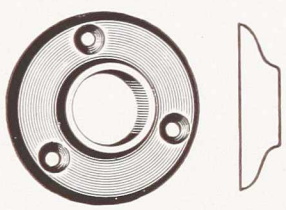
WROUGHT BRONZE, BRASS OR STEEL ROSES

Number	Size, Inches	Projection, Inches	Material	Knob Mounting
2001	1 3/4	3/8	Wrought Bronze	Model A, B, C or Standard Spindle
02001	1 3/4	3/8	Wrought Steel	Model A, B, C or Standard Spindle
2002	2	7/16	Wrought Bronze	Model A, B, C or Standard Spindle
02002	2	7/16	Wrought Steel	Model A, B, C or Standard Spindle
2004	2	3/8	Wrought Bronze	Model C Spindle
02004	2	3/8	Wrought Steel	Model C Spindle
*02005	1 7/8	1/4	Wrought Steel	Standard Spindle

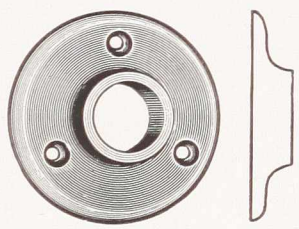
Packed 2 dozen in a box, with screws.
*No. 02005 furnished in black japanned unless otherwise ordered.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



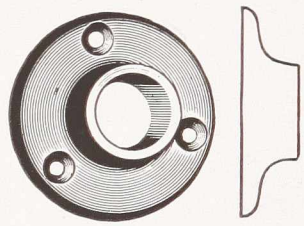
Nos. 2032 and 2033
Type Nos. 2010F and 2011F



No. 2012
Type No. 2012F



Nos. 2013 and 2014
Type No. 2013F



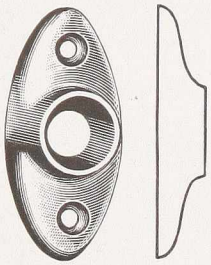
No. 2013H

CAST BRONZE, OR BRASS ROSES

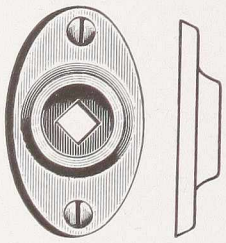
Number	Size, Inches	Projection, Inches	Material	Knob Mounting
†2010F	1 3/4	3/8	Cast Bronze	Model F Spindle
†2011F	2	3/8	Cast Bronze	Model F Spindle
2012	1 3/4	3/8	Cast Bronze	Model A, B or C Spindle
†2012F	1 3/4	3/8	Cast Bronze	Model F Spindle
2013	2	3/8	Cast Bronze	Model A, B or C Spindle
†2013F	2	3/8	Cast Bronze	Model F Spindle
*2013H	2	9/16	Cast Bronze	Model A, B or C Spindle
2014	2 1/4	1/2	Cast Bronze	Model A, B or C Spindle
2032	1 3/4	7/16	Cast Bronze	Model A, B or C Spindle
2033	2	7/16	Cast Bronze	Model A, B or C Spindle

Packed 2 dozen in a box, with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
†Nos. 2010F, 2011F, 2012F and 2013F are used on the following designs only: NE, Newcastle, Page 315—YL, Yardley, Page 316—YR, Yarrow, Page 319.
*High Collar.

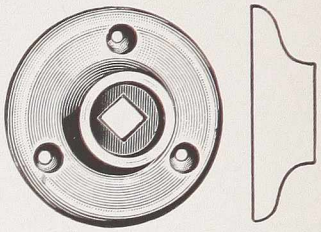
KNOB ROSES



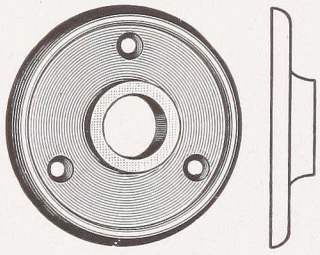
No. 2018



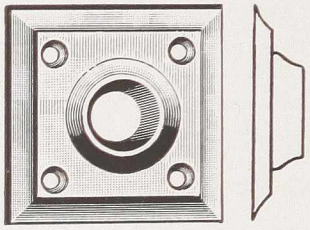
No. 2019½ Type of No. 2019



No. 2013½H



No. 2015

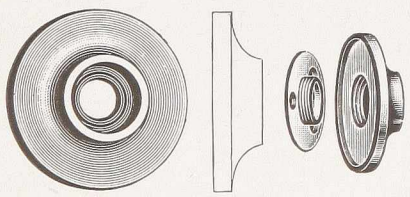


No. 2017

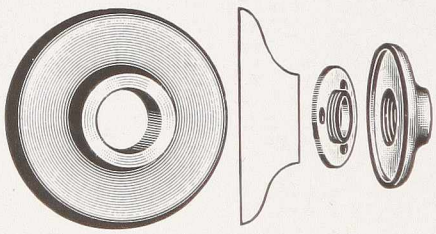
CAST BRONZE, OR BRASS ROSES

Number	Size, Inches	Projection, Inches	Material	Knob Mounting
†2013½H	2	5/8	Cast Bronze	Model A, B or C Spindle
2015	2¼	3/8	Cast Bronze	Model A, B or C Spindle
2016	2 1/16	½	Cast Bronze	Model A, B or C Spindle
2017	2¼x2¼	3/8	Cast Bronze	Model A, B or C Spindle
2018	2 5/16x1⅛	½	Cast Bronze	Model A, B or C Spindle
*2019	2⅛x1 5/16	9/16	Cast Bronze	Model A, B or C Spindle
2019½	2⅛x1 5/16	9/16	Cast Bronze	Model A, B or C Spindle

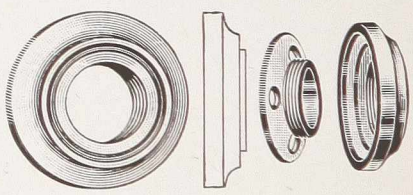
*No. 2019 is plain rose without auxiliary spring.
Packed 2 dozen in a box, with screws.
Nos. 2019½ and 2013½H roses have auxiliary springs for 5/16 inch spindles.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
†High Collar.



Nos. 2020 and 2021
Type Nos. 2030F, 2031F and 2034F



Nos. 2024 and 2025
Type Nos. 2026F and 2027F



No. 2022

CONCEALED SCREW, CAST BRONZE OR BRASS ROSES

Number	Size, Inches	Projection, Inches	Material	Knob Mounting
2020	1¾	7/16	Cast Bronze	Model A, B or C Spindle
2021	2	7/16	Cast Bronze	Model A, B or C Spindle
2022	1⅝	7/16	Cast Bronze	Model A, B or C Spindle
2024	1¾	7/16	Cast Bronze	Model A, B or C Spindle
2025	2	7/16	Cast Bronze	Model A, B or C Spindle
†2026F	1¾	3/8	Cast Bronze	Model F Spindle
†2027F	2	3/8	Cast Bronze	Model F Spindle
†2030F	1¾	3/8	Cast Bronze	Model F Spindle
†2031F	2	3/8	Cast Bronze	Model F Spindle
2304F	2½	7/16	Cast Bronze	Model F Spindle

Packed 2 dozen in a box, with screws.
†Nos. 2026F, 2027F, 2030F, 2031F and 2034F are used on the following designs only: Newcastle, Page 315—Yardley, Page 316—Yarrow, Page 319.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.

KEY ESCUTCHEONS

No. 02518

No. 2502
No. 02502

No. 2504
No. 02504

No. 2501 and No. 02501
Type No. 2503 and No. 02503

No. 2517
No. 02517

No. 2519
No. 02519

WROUGHT BRONZE, BRASS OR STEEL

Number	Size, Inches	Material
2501	1¾x1 3/16	Wrought Bronze—Light
02501	1¾x1 3/16	Wrought Steel—Light
2502	2 x1⅛	Wrought Bronze
02502	2 x1⅛	Wrought Steel
2503	1¾x1 3/16	Wrought Bronze—Heavy
02503	1¾x1 3/16	Wrought Steel—Heavy
2504	1⅜x1½	Wrought Bronze
02504	1⅜x1½	Wrought Steel
2517	2 x1 1/16	Wrought Bronze
02517	2 x1 1/16	Wrought Steel
02518	1⅞x ⅞	Wrought Steel
2519	1¾x ¾	Wrought Bronze
02519	1¾x ¾	Wrought Steel

Packed 2 dozen in a box with screws. For other types, refer to design section.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

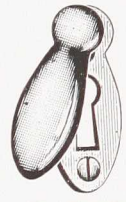
No. 2514

No. 2506

No. 2506L

No. 2528

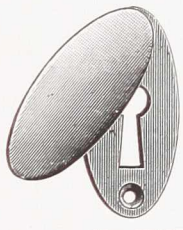
No. 2527


No. 2516D

No. 2529

No. 2511½D

No. 2512D


No. 2508D

No. 2509D

No. 2552

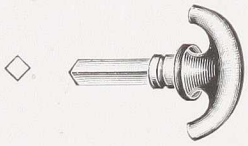
No. 2552D

CAST BRONZE OR BRASS

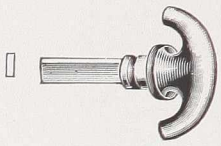
Number	Size, Inches	Material
2506	1¾x1 3/16	Cast Bronze
2506L	2 x1⅛	Cast Bronze
2508D	2 x ⅞	Cast Bronze
2509D	2 x ⅞	Cast Bronze
2511½D	2 x ¾	Cast Bronze
2512D	2⅛x ⅞	Cast Bronze
2514	1⅜ Dia.	Cast Bronze
2516D	1¾x 11/16	Cast Bronze
2527	2 x1 1/16	Cast Bronze
2528	1½x ⅞	Cast Bronze
2529	1⅞x ⅞	Cast Bronze
*2552	2½x ⅞	Cast Bronze
*8552D	2½x ⅞	Cast Bronze

Packed 2 dozen in a box with screws.
*Turn knobs have 3/16 diamond spindles and spacing must be specified. For other types, refer to design section.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

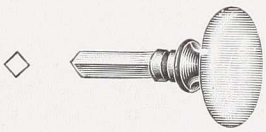
TURN KNOBS



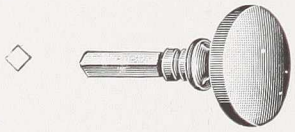
No. 2400B



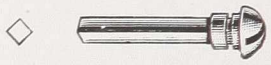
No. 2400½B



No. 2400C



No. 2400D



No. 2400F

CAST BRONZE OR BRASS TURN KNOBS—Without Plates

Number	Turn Number Size, Inches	Material	Spindle, Inch
2400B	1 ¼	Cast Bronze	3/16 Diamond
2400½B	1 ¼	Cast Bronze	7/32 Flat
2400C	1 ⅛x⅝ Oval	Cast Bronze	3/16 Diamond
2400D	1 ⅛ Round	Cast Bronze	3/16 Diamond
***2400F**	½ Round Head	Cast Bronze	3/16 Diamond

Packed 2 dozen in a box with attachment rings. Attaching ring included with all turn knobs.

*No. 2400F is an emergency attachment used on outside escutcheon of bath and bedroom locks where a regular turn knob is used on inside escutcheon. A screw driver or any flat instrument can be inserted in the slotted round head and by turning will retract dead bolt.

Specify finish, Page No. 32A.

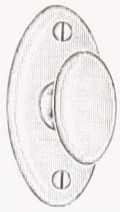
Specify Number and Finish. Refer to Page No. 32A for description of finish.

TURN KNOBS

No. 2419B
No. 2429B
Type No. 2419½B
Type No. 2429½B

No. 2419C
No. 2429C
Type No. 2419½C
Type No. 2429½C

No. 2403B
No. 2423B
Type No. 2403½B
Type No. 2423½B

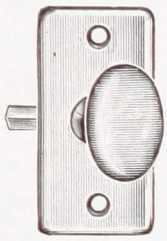


No. 2403C
No. 2423C
Type No. 2403½C
Type No. 2423½C

No. 2417B
No. 2427B
Type No. 2417½B
Type No. 2427½B

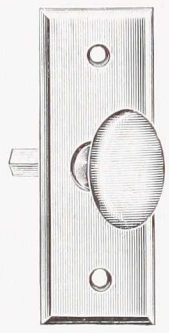
No. 2417C
No. 2427C
Type No. 2417½C
Type No. 2427½C

No. 2401B
No. 2421B
Type No. 2401½B
Type No. 2421½B

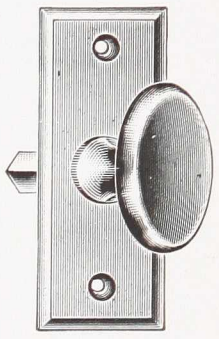


No. 2401C
No. 2421C
Type No. 2401½C
Type No. 2421½C

No. 2407B
Type No. 2407½B



No. 2407C
Type No. 2407½C



No. 2430E

Wrought Bronze or Brass Plates with Cast Bronze or Brass Turn Knobs

With 3/16 Inch Spindles on Diamond				With 7/32 Inch Flat Spindles			
Number	Turn Number	Plate Number	Size, Inches	Number	Turn Number	Plate Number	Size, Inches
2401B	2400B	2401	2 1/8 x 1 1/8	2401½B	2400½B	2401	2 1/8 x 1 1/8
2401C	2400C	2401	2 1/8 x 1 1/8	2401½C	2400½C	2401	2 1/8 x 1 1/8
2403B	2400B	2403	1 3/4 x 1 3/16	2403½B	2400½B	2403	1 3/4 x 1 3/16
2403C	2400C	2403	1 3/4 x 1 3/16	2403½C	2400½C	2403	1 3/4 x 1 3/16
2407B	2400B	2407	3 x 7/8	2407½B	2400½B	2407	3 x 7/8
2407C	2400C	2407	3 x 7/8	2407½C	2400½C	2407	3 x 7/8
2417B	2400B	2417	2 x 1 1/16	2417½B	2400½B	2417	2 x 1 1/16
2417C	2400C	2417	2 x 1 1/16	2417½C	2400½C	2417	2 x 1 1/16
2419B	2400B	2419	1 7/8 x 3/4	2419½B	2400½B	2419	1 7/8 x 3/4
2419C	2400C	2419	1 7/8 x 3/4	2419½C	2400½C	2419	1 7/8 x 3/4

Cast Bronze or Brass Plates with Cast Bronze or Brass Turn Knobs

2421B	2400B	2421	2 1/8 x 1 1/8	2421½B	2400½B	2421	2 1/8 x 1 1/8
2421C	2400C	2421	2 1/8 x 1 1/8	2421½C	2400½C	2421	2 1/8 x 1 1/8
2423B	2400B	2423	1 3/4 x 1 3/16	2423½B	2400½B	2423	1 3/4 x 1 3/16
2423C	2400C	2423	1 3/4 x 1 3/16	2423½C	2400½C	2423	1 3/4 x 1 3/16
2427B	2400B	2427	2 x 1 1/16	2427½B	2400½B	2427	2 x 1 1/16
2427C	2400C	2427	2 x 1 1/16	2427½C	2400½C	2427	2 x 1 1/16
2429B	2400B	2429	1 7/8 x 3/4	2429½B	2400½B	2429	1 7/8 x 3/4
2429C	2400C	2429	1 7/8 x 3/4	2429½C	2400½C	2429	1 7/8 x 3/4
*2430E	2400E	2430	3 x 15/16	.....	.....	.....	.....

Packed 2 dozen in a box, with screws.

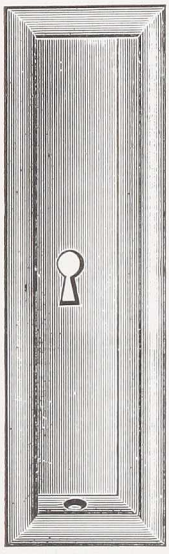
*No. 2430E has 5/16 inch spindle for use with mortise latches. Knob is 1 5/8 x 15/16 inches.

If 2400D Knob is required, suffix letter D instead of B or C.

Specify Number and Finish. Refer to Page No. 32A for description of finish.

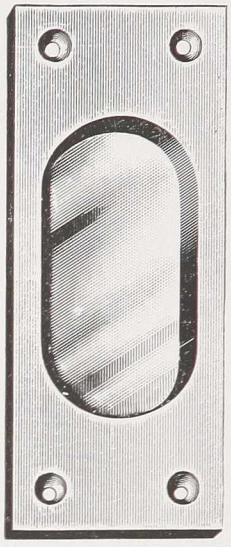
CUP ESCUTCHEONS

CAST BRONZE OR BRASS



No. 2601—With Key Hole
Type No. 2601B—Blank

No. 2602—With Key Hole
Type No. 2602B—Blank



No. 2603B—Blank
Type No. 2603—With Key Hole

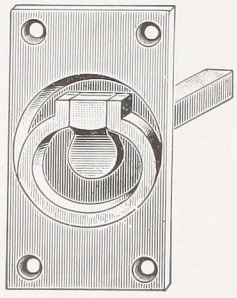
Number	Size of Plate Inches	Size of Cup Inches	Depth of Cup Inch	Projection Back of Plate Inch	Material
2601	5 x1 5/8	4 3/8x1	1/2	3/8	Cast Bronze
2601B	5 x1 5/8	4 3/8x1	1/2	3/8	Cast Bronze
2602	4 1/2x2	3 7/8x1 3/8	1/2	7/16	Cast Bronze
2602B	4 1/2x2	3 7/8x1 3/8	1/2	7/16	Cast Bronze
2603	4 7/8x2	2 3/4x1 3/8	5/16	5/16	Cast Bronze
*2603B	4 7/8x2	2 3/4x1 3/8	5/16	5/16	Cast Bronze

Packed 6 in a box, with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.

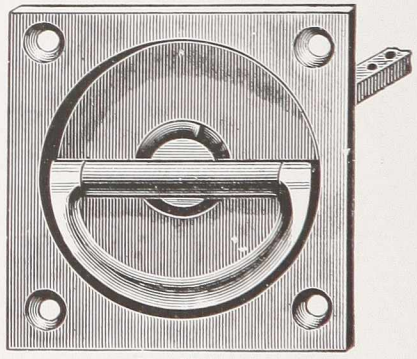
FLUSH CUP HANDLES

CAST BRONZE OR BRASS

No. 2702



No. 2703



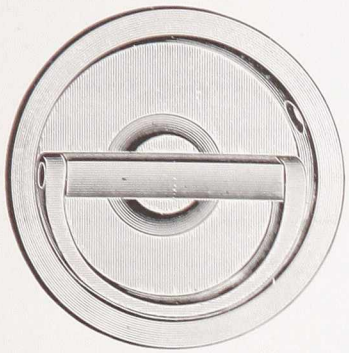
No. 2704
Type of No. 2711

Number	Size of Plate Inches	Size of Cup Inches	Depth of Cup Inch	Projection Back of Plate Inch	Material
2702	1 3/4x1 3/8	1	1/4	3/8	Cast Bronze
2703	2 5/8x1 1/2	1 3/8	1/4	1/4	Cast Bronze
2704	3 x3	2 1/4	5/8	3/8	Cast Bronze
2711	2 5/8x2 5/8	2	7/16	3/8	Cast Bronze

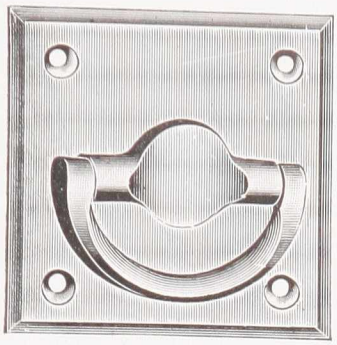
Packed 6 in a box, with screws. All handles have 5/16" spindles. Specify type of spindle and if on diamond or square. Specify thickness of doors. Nos. 2702 and 2703 packed 1 dozen in a box with screws. Nos. 2703 and 2711, 1/2 dozen in a box with screws. For flush drop handles and rings, refer to Page No. 214.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

FLUSH CUP HANDLES

CAST BRONZE OR BRASS

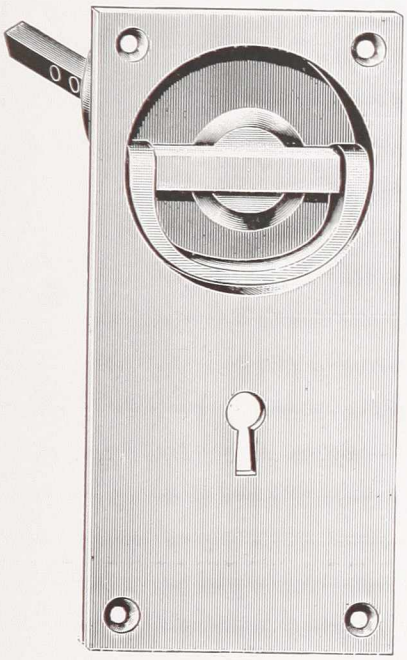


No. 2705

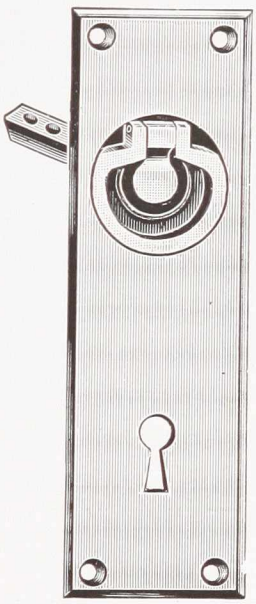


No. 2706

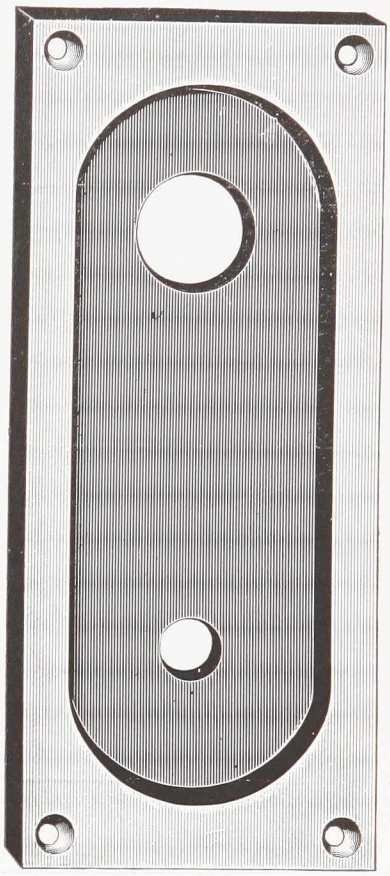
No. 2715



No. 2707



No. 2716



No. 2717

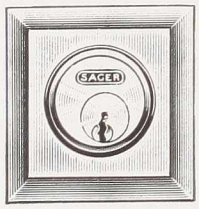
Number	Size of Plate Inches	Size of Cup Inches	Depth of Cup Inches	Projection Back of Plate, Inches	Material
2705	3 1/8	2 5/8	7/16	3/8	Cast Bronze
*2706	3 x3	None	None	None	Cast Bronze
†2707	5 1/2 x3	2 1/4	7/16	7/16	Cast Bronze
2715	4 x3 1/2	2 7/8	7/16	5/16	Cast Bronze
†2716	5 1/2 x1 3/4	1 1/4	5/16	1/4	Cast Bronze
†2717	8 x3 3/4	6 3/4 x2 7/8	7/16	5/16	Cast Bronze

*The handle for No. 2706 projects above plate 7/16 inch. All handles have 5/16 inch spindles. Specify type of spindle and if on diamond or square. Specify thickness of doors. Packed each in a box, with screws. Specify spacing of lock.
For flush drop handles and rings, refer to Page No. 214. †Note what drop ring will fit.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CYLINDER PLATES

NW1991

AG1991


AD1991

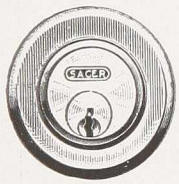
BT1991

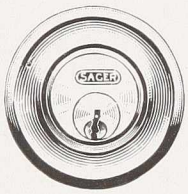
AV1991

WROUGHT BRONZE OR BRASS

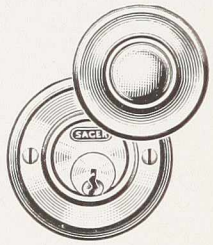
Number	Design	Size Inches	Projection Without Cylinder Inches	Material
AD1991	Adams	2⅝x2⅝	¼	Wrought Bronze
AG1991	Argo	2⅜	¼	Wrought Bronze
AV1991	Avon	4 x1⅞	3/16	Wrought Bronze
BT1991	Bristol	2⅝x2⅝	¼	Wrought Bronze
NW1991	Norwich	2½	¼	Wrought Bronze

Packed each in a box, with screws or lugs. For other cylinder plates, see designs. Specify Number and Finish. Refer to Page No. 32A for description of finish.


TR1991


YT1991

ST1991


YR1990D
Type YR1990

PN1991

PN1992

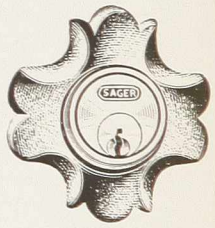
CT1991

EH1991

VC1991

VN1991

RO1990


HP1991

CAST BRONZE OR BRASS

Number	Design	Size Inches	Projection Without Cylinder Inches	Material
RO1990	Rionido	3¾x2⅛	⅛	Cast Bronze
***YR1990**	Yarrow	2¼	⅝	Cast Bronze
YR1990D	Yarrow	2¼	⅝	Cast Bronze
CT1991	Cortez	3 x2¾	3/16	Cast Bronze
EH1991	Elkhart	3¼x1⅞	3/16	Cast Bronze
HP1991	Habsburg	3 x3	3/16	Cast Bronze
PN1991	Putnam	2 x2	¼	Cast Bronze
ST1991	Stockton	2⅝	½	Cast Bronze
TR1991	Tyrone	2¼	¼	Cast Bronze
VC1991	Vulcan	3¾x1⅞	⅛	Cast Bronze
VN1991	Vernon	3⅜x2½	⅜	Cast Bronze
YT1991	Yarntown	2½	¼	Cast Bronze
PN1992	Putnam	2¾x2¾	¼	Cast Bronze

For other cylinder plates see designs. Packed each in a box, with screws or lugs. *No. YR1990 without drop. Specify Number and Finish. Refer to Page No. 32A for description of finish.

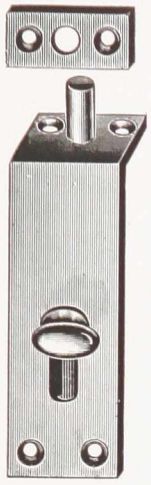
SAGER
Locks

BUILDERS HARDWARE

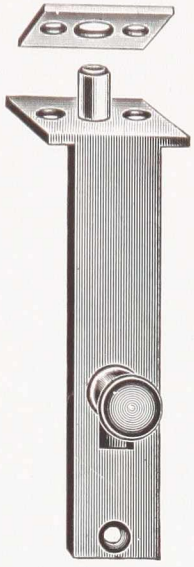
FLUSH BOLTS

CAST BRONZE OR BRASS

No. 2901



No. 2902



No. 2903

No. 2906

Number	Length Inches	Width Inches	Angle Inches	*Backset Inch	Material
2901	3 and 6	1	5/8	5/16	Cast Bronze
2902	3 and 6	1	5/8	5/16	Cast Bronze
2903	3, 4, and 6	13/16	3/4 x 1 3/8	1/4	Cast Bronze
2906	4-6-9-12-15	5/8	1 1/4	7/16	Cast Bronze

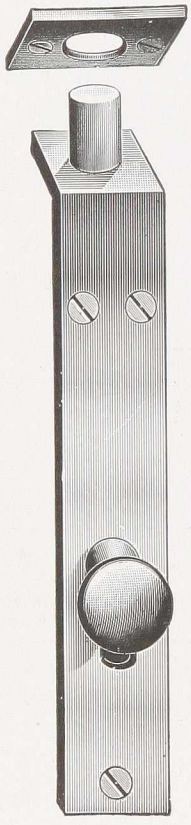
*Distance from edge of door to center of bolt. Specify the length.

Packed: Nos. 2901, 2902, 2903 and 2906, 1 dozen in a box with screws.

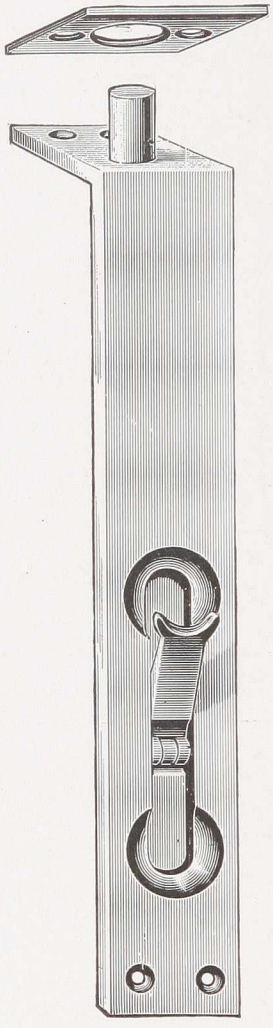
Specify Number and Finish. Refer to Page No. 32A for description of finish.

EXTENSION BOLTS

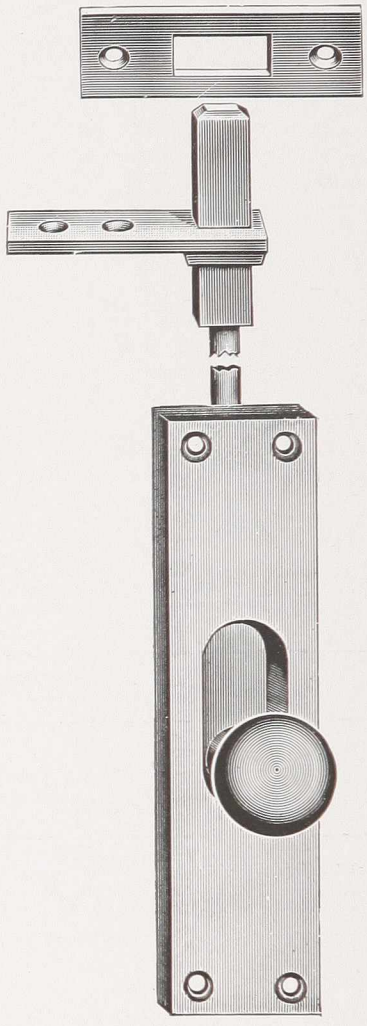
CAST BRONZE, BRASS OR IRON



No. 2904



No. 2923



No. 2934
No. 02934

Number	Length Inches	Width Inches	Angle Inches	*Backset Inch	Material
2904	6 and 12	1	1 3/8	5/8	Cast Bronze
2923	9-12-18-24-30	1	1 1/2	5/8	Cast Bronze

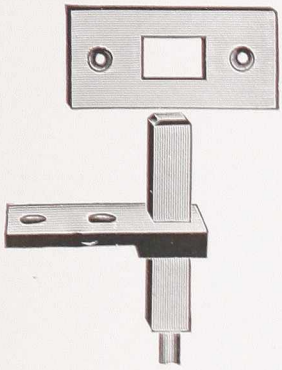
*Distance from edge of door to center of bolt. Specify the length.
Nos. 2904 and 2923, 1/2 dozen in a box with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

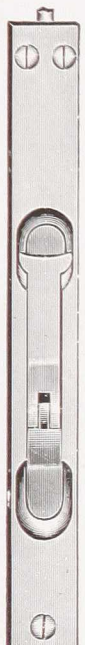
Number	Plate	Bolt Head	Rod	Length Rod	Backset	Throw of Rod	Material
2934	5 1/4x1 3/8 in.	1/2 in. sq.	1/4 in.	6 to 48 in.	7/8 in.	1 in.	Cast Bronze
02934	5 1/4x1 3/8 in.	1/2 in. sq.	1/4 in.	6 to 48 in.	7/8 in.	1 in.	Cast Iron

Length of rod is distance from center of lever to end of head.
Specify length of rod.
Dust-proof strikes furnished to special order, at additional price. Refer to Page No. 147.
Packed 2 in a box, with screws—rods separate.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

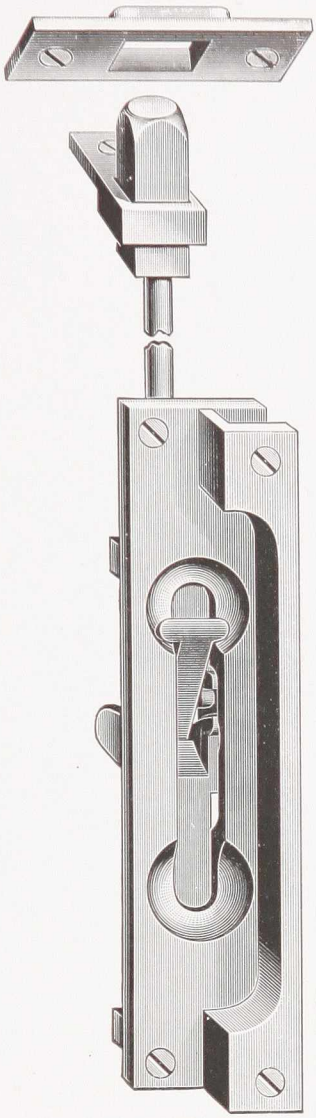
EXTENSION BOLTS

CAST BRONZE, BRASS OR IRON



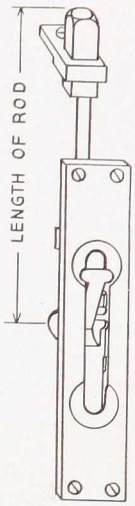


No. 2931



No. 2933

Nos. 2935 and 02935
Type No. 2935RF-2936
2937-2938-2939



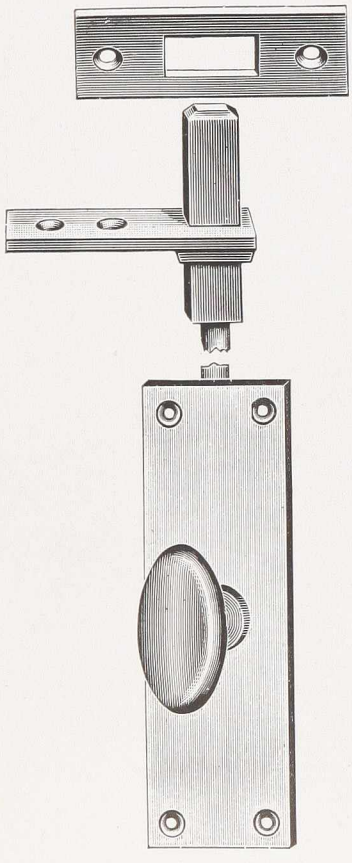
No. 2937
Bolt Head

Number	Plate	Bolt Head	Rod	Length Rod	Backset	Throw of Rod	Material
2931	5 7/8x 5/8 in.	3/8 in. sq.	3/16 in.	6 to 30 in.	1/2 in.	13/16 in.	Cast Bronze
2933	6 3/8x1 1/4 in.	1/2 in. sq.	1/4 in.	6 to 48 in.	1/2 in.	7/8 in.	Cast Bronze
2935	6 3/8x1 1/4 in.	1/2 in. sq.	1/4 in.	6 to 48 in.	9/16 in.	7/8 in.	Cast Bronze
02935	6 3/8x1 1/4 in.	1/2 in. sq.	1/4 in.	6 to 48 in.	9/16 in.	7/8 in.	Cast Iron
*2935RF	6 3/8x1 1/4 in.	1/2 in. sq.	1/4 in.	6 to 48 in.	9/16 in.	7/8 in.	Cast Bronze
2936	6 3/8x1 in.	1/2 in. sq.	1/4 in.	6 to 48 in.	9/16 in.	7/8 in.	Cast Bronze
†2937	6 3/8x1 1/4 in.	1/2 in. sq.	1/4 in.	6 to 48 in.	9/16 in.	7/8 in.	Cast Bronze
2938	6 3/8x1 1/4 in.	3/4 in. sq.	1/4 in.	6 to 48 in.	9/16 in.	7/8 in.	Cast Bronze
2939	6 3/8x1 1/4 in.	1/2 in. rd.	1/4 in.	6 to 48 in.	9/16 in.	7/8 in.	Cast Bronze

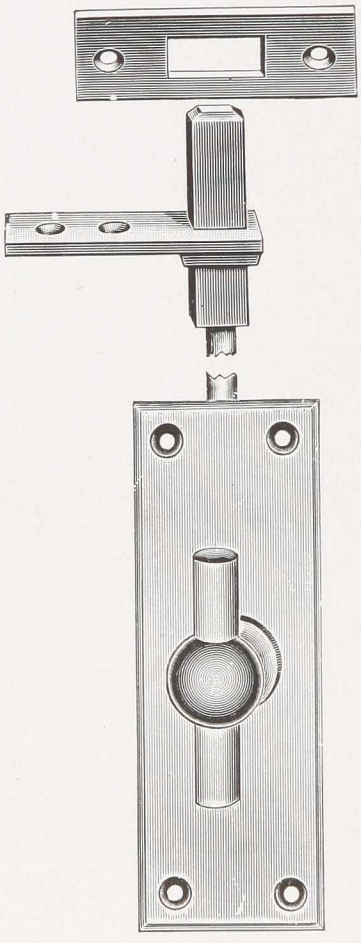
*No. 2935RF Bolt has rounded front for doors with rounded edge. Send drawing of door.
†Bolt head extends 1 1/4 in. when unlocked. For combination slide and elevator doors.
Length of rod is distance from center of lever to end of head.
Specify length of rod.
Dust-proof strikes furnished to special order, at additional price. Refer to Page No. 147.
Packed 2 in a box, with screws—rods separate.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

EXTENSION BOLTS

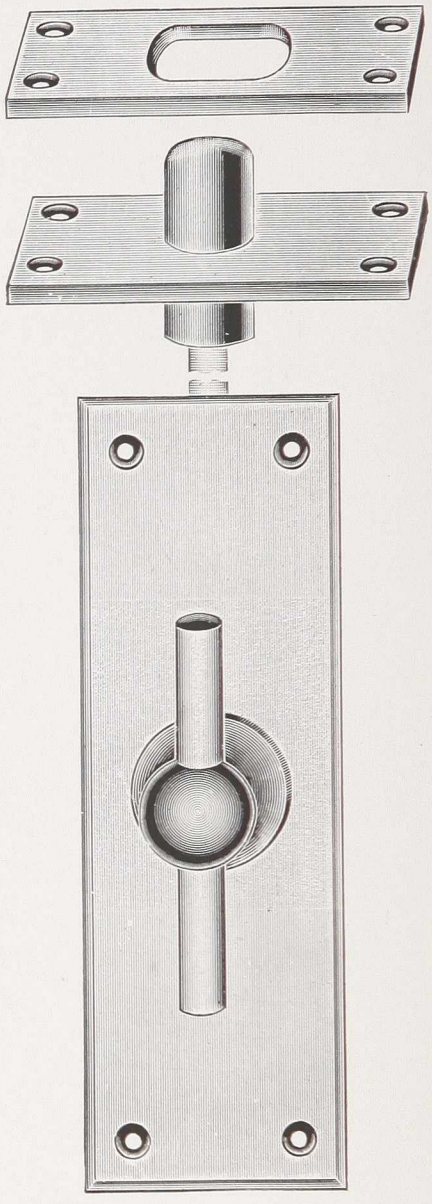
CAST BRONZE OR BRASS



No. 2941



No. 2942

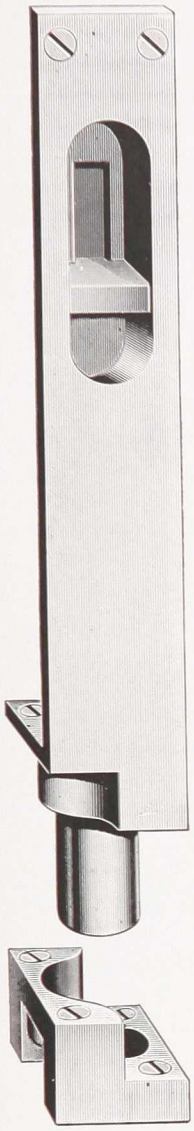


No. 2943

Number	Plate	Bolt Head	Rod	Length, Rod	Backset	Throw of Rod	Material
2941	4 1/2 x 1 1/2 in.	1/2 in. sq.	1/4 in.	6 to 48 in.	9/16 in.	7/16 in.	Cast Bronze
*2942	5 x 1 3/4 in.	1/2 in. sq.	5/16 in.	6 to 48 in.	1 in.	3/4 in.	Cast Bronze
2943	7 1/2 x 2 1/2 in.	7/8 in. rd.	3/8 in.	6 to 48 in.	1 1/2 in.	1 1/8 in.	Cast Bronze

*No. 2942 Bolt can be furnished with loose handle if specified.
Length of rod is distance from center of handle to end of head. Specify length of rod.
Dust proof strikes furnished to special order. Refer to Page No. 147.
Packed each in a box with screws—rods seperate.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

DUTCH DOOR BOLT



No. 3055
Left Hand

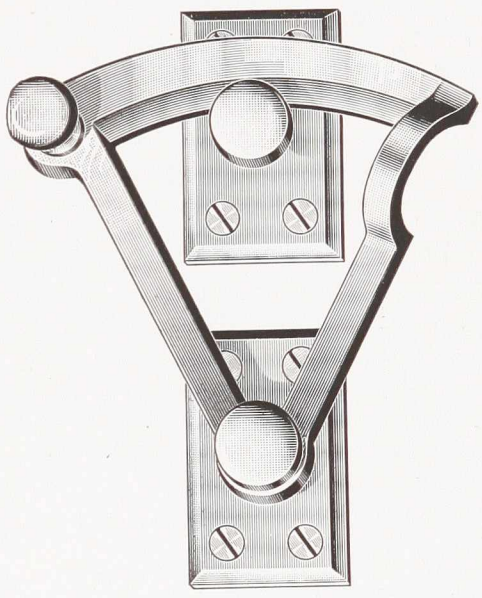
1/2 Inch Rabbit

CAST BRONZE OR BRASS

Number	Plate, Inches	Lip, Inches	Strike, Inches
3055	7¼x1¼	1⅞	1¼x2

Specify hand of door.
Packed 1 in a box, with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

DUTCH DOOR QUADRANT



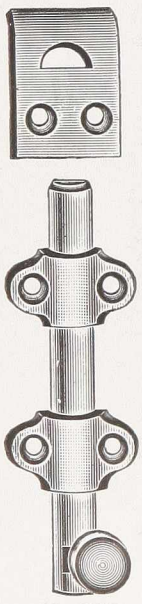
No. 3060—Right Hand

CAST BRONZE OR BRASS

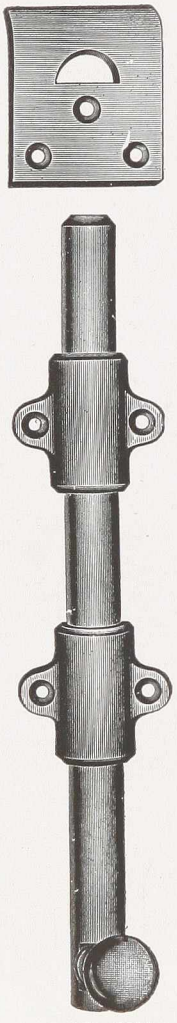
Number	Size, Inches	Plates, Inches
3060	5½x4½	2⅜x1½

Packed 1 in a box with screws.
Specify hand of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

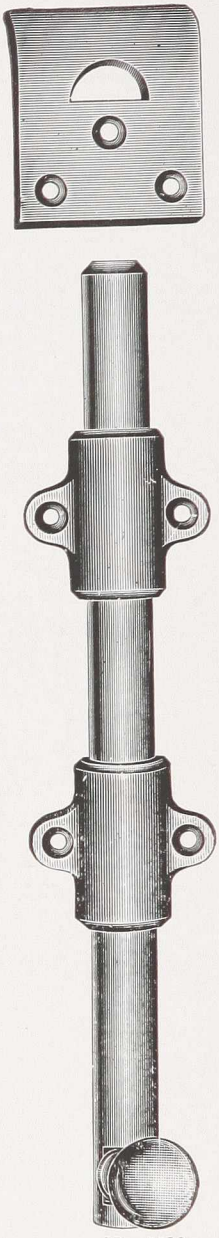
SURFACE BOLTS



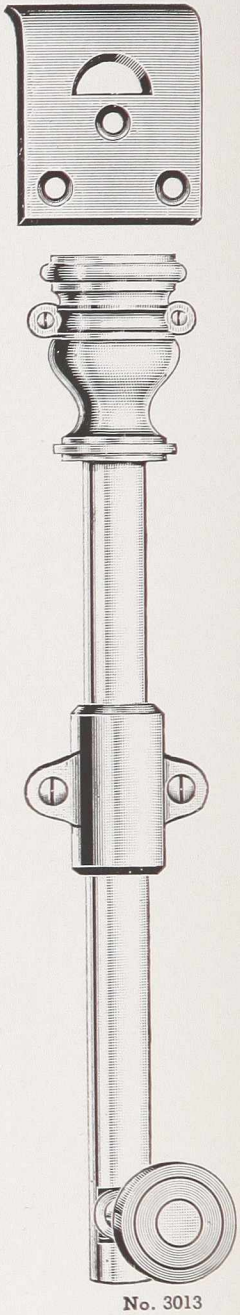
No. 3010
No. 03010



No. 3011
No. 03011



No. 3012
No. 03012



No. 3013

Number	Length Inches	ROD		GUIDES	
		Width, Inches	Material	Width, Inches	Material
3010	3-4-6-9-12	3/8	Half Round Bronze	1 1/4	Wrought Bronze
03010	3-4-6-9-12	3/8	Half Round Steel	1 1/4	Wrought Steel
3011	4-6-9-12-18-24-30	1/2	Half Round Bronze	1 3/8	Wrought Bronze
03011	4-6-9-12-18-24-30	1/2	Half Round Steel	1 3/8	Wrought Steel
3012	6-9-12-18-24-30	5/8	Half Round Bronze	1 5/8	Cast Bronze
03012	6-9-12-18-24-30	5/8	Half Round Steel	1 5/8	Cast Iron
3013	9-12-18-24-30	5/8	Half Round Bronze	1 3/4	Cast Bronze

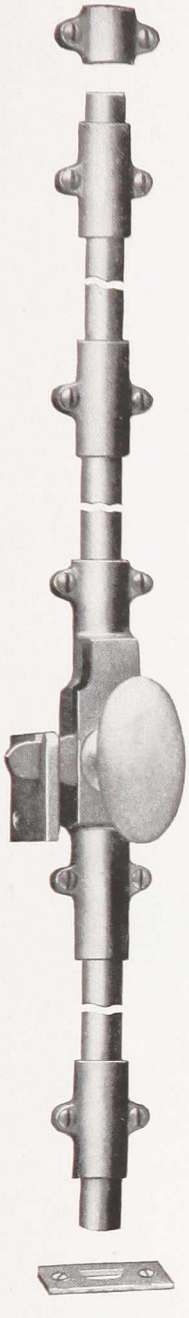
Packed—Nos. 3010, 3011 and 3012 packed regular, with 4 and 9 strikes. For other types see Page No. 147. Specify length wanted.

Packed—Nos. 3010, 3011 and 3012, up to and including 18", packed 1 dozen in a box, with screws. Longer lengths wrapped in packages.

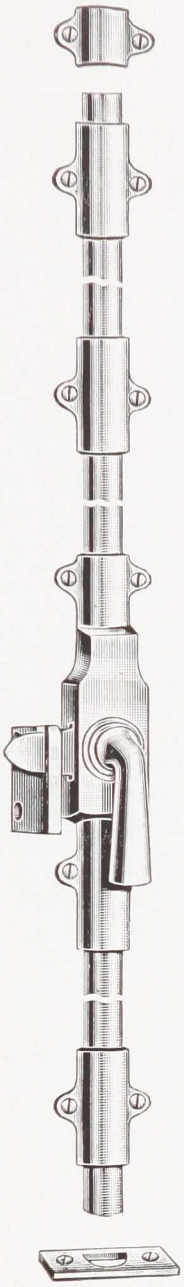
No. 3013 has No. YK6090—1 1/4 Yukon Knob. The following design, 1 1/4 Knobs can be substituted in place of YK (Yukon) by prefixing letters in place of YK—YL (Yardley), YR (Yarrow), YT (Yorktown) and YV (Yorkville) design.

Specify Number and Finish. Refer to Page No. 32A for description of finish.

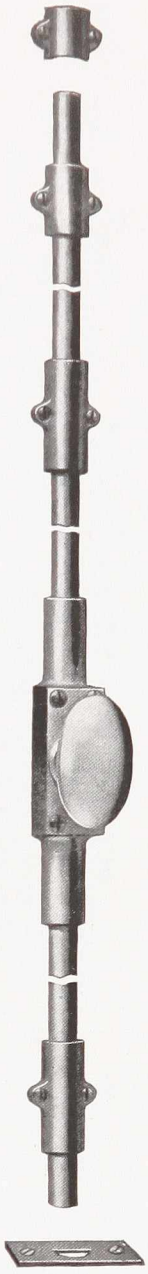
CREMONE BOLTS



Nos. 3030 and 03030



Nos. 3030½ and 03030½



Nos. 3031 and 03031

Nos. 3031½ and 03031½

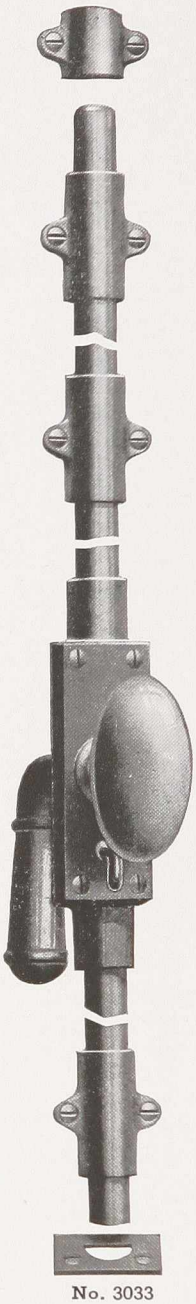
Number	Case Width, Inches	Knob Inches	Lever Inches	*Projection Inches	Material	Wrought Rod ½ Round Inch
3030	1¼	2¼x1¼	.....	1⅞	Cast Bronze	⅝, Bronze
03030	1¼	2¼x1¼	.....	1⅞	Cast Iron	⅝, Steel
3030½	1¼	.....	2½	2⅝	Cast Bronze	⅝, Bronze
03030½	1¼	.....	2½	2⅝	Cast Iron	⅝, Steel
3031	1¼	2 x1¼	.....	1⅞	Cast Bronze	½, Bronze
03031	1¼	2 x1¼	.....	1⅞	Cast Iron	½, Steel
3031½	1¼	.....	2½	2⅝	Cast Bronze	½, Bronze
03031½	1¼	.....	2½	2⅝	Cast Iron	½, Steel

Packed, rods wrapped, balance in a box, complete with screws.
*Projection is distance from face of door or sash to highest point of knob or lever. Throw ¾ inch.
Specify height of door or sash and give distance from bottom to center of knob or lever.
Strikes Nos. 1 and 2 are regularly furnished with above bolts. If other strikes are required, must be specified.
Refer to Page No. 147. Guides are furnished every two feet of rod. Other lever handles can be substituted at difference in price.
Refer to Pages No. 125 to 128 inclusive. Specify Number and Finish. Refer to Page No. 32A for description of finish.

CREMONE BOLTS

Nos. 3032-03032

Nos. 3032½-03032½



No. 3033

No. 3033½

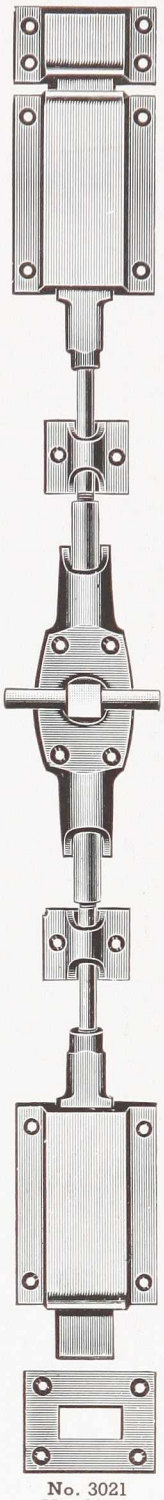
Number	Case Width Inches	Knob Inches	Lever Inches	*Projection Inches	Material	Wrought Rod Half Round
3032	1¾	2⅝x1½	.....	2⅜	Cast Bronze	⅝ in., Bronze
03032	1¾	2⅝x1½	.....	2⅜	Cast Iron	⅝ in., Steel
3032½	1¾	.....	3¼	2⅜	Cast Bronze	⅝ in., Bronze
03032½	1¾	.....	3¼	2⅜	Cast Iron	⅝ in., Steel
3033	1¾	2⅝x1½	3¼	2⅜	Cast Bronze	⅝ in., Bronze
3033½	1¾	.....	3¼	2⅜	Cast Bronze	⅝ in., Bronze

*Projection is distance from face of door or sash to highest point of knob or lever.
Specify height of door or sash and give distance from bottom to center of knob or lever. Throw ¾ Inch.
Strikes Nos. 1 and 2 are regularly furnished with above bolts. If other strikes are required, must be specified.
Refer to Page No. 147. Guides are furnished for every two feet of rod.
Packed, rods wrapped, balance in a box, complete with screws.
Other lever handles can be substituted at difference in price. Refer to Pages Nos. 125 to 128, inclusive.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CREMONE BOLTS

No. 3024

No. 3026

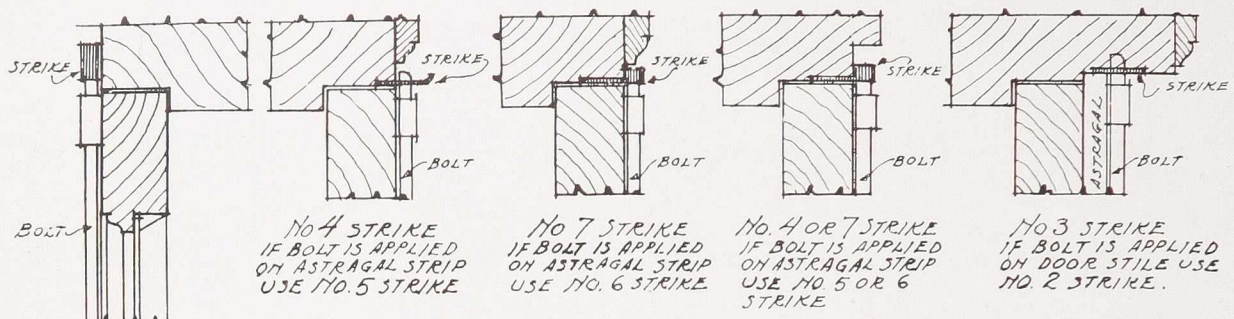


No. 3021
No. 03021

Number	CASE		Knob Inches	*Projection Inches	Material	Wrought Rod ½ Round
	Length, Inches	Width, Inches				
3021	6	1 7/8	3	2 5/8	Cast Bronze	3/8 in. Rd. Bronze
03021	6	1 7/8	3	2 5/8	Cast Iron	3/8 in. Rd. Steel
3024	6	1 3/8	2 5/8 x 1 1/4	2 1/2	Cast Bronze	5/8 in. Bronze
3026	6 1/8	1 1/2	2 5/8 x 1 1/4	2 5/8	Cast Bronze	5/8 in. Bronze

*Projection is distance from face of door to highest point of handle or knob. Specify heighth of door and give distance from bottom of door to center of handle or knob. Strikes as shown will be furnished unless otherwise specified. Refer to Page No. 147.
Guides are furnished for every two feet of rod. Packed, rods wrapped, balance in a box with screws.
Other lever handles can be substituted at difference in price. Refer to Pages No. 125 to 128 inclusive.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

APPLICATION OF CREMONE BOLT STRIKES



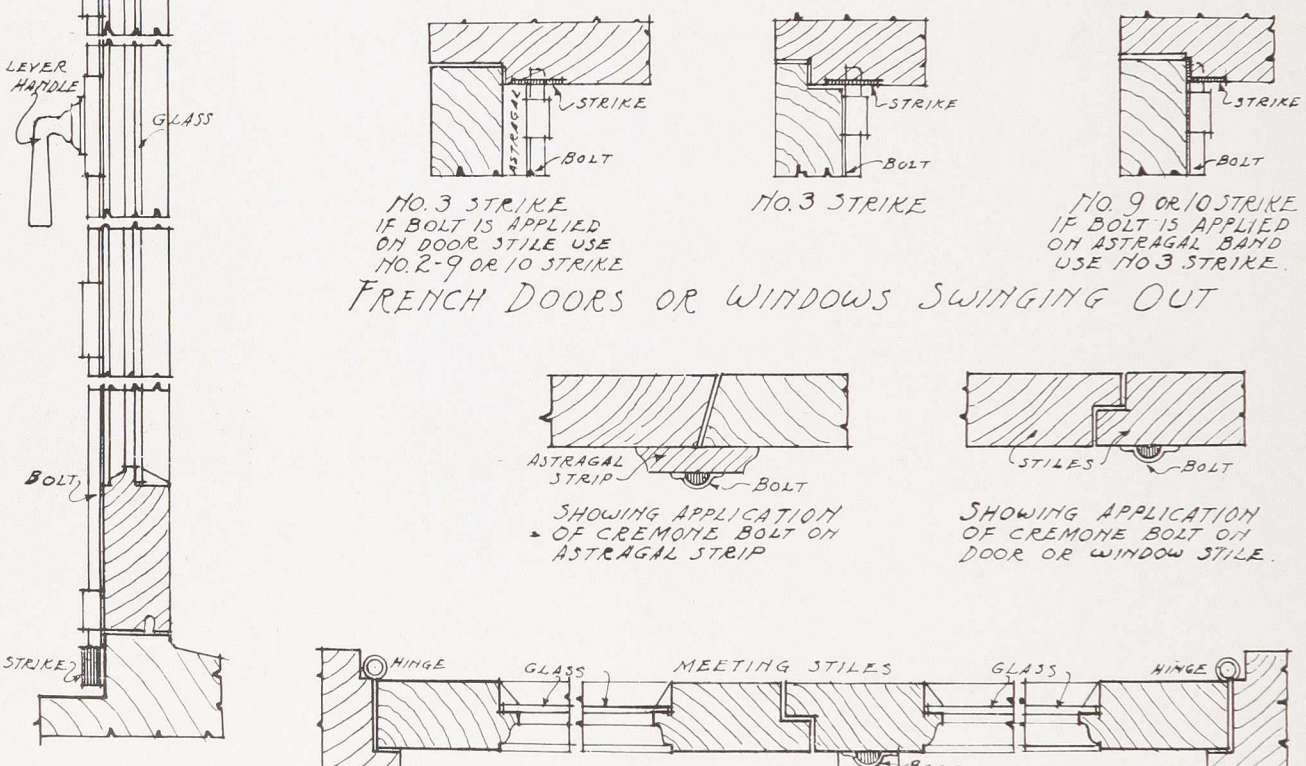
No 4 STRIKE IF BOLT IS APPLIED ON ASTRAGAL STRIP USE NO. 5 STRIKE

No 7 STRIKE IF BOLT IS APPLIED ON ASTRAGAL STRIP USE NO. 6 STRIKE

No. 4 OR 7 STRIKE IF BOLT IS APPLIED ON ASTRAGAL STRIP USE NO 5 OR 6 STRIKE

No 3 STRIKE IF BOLT IS APPLIED ON DOOR STILE USE NO. 2 STRIKE.

• FRENCH DOORS OR WINDOWS SWINGING IN •



No. 3 STRIKE IF BOLT IS APPLIED ON DOOR STILE USE NO. 2-9 OR 10 STRIKE

No. 3 STRIKE

No. 9 OR 10 STRIKE IF BOLT IS APPLIED ON ASTRAGAL BAND USE NO 3 STRIKE.

FRENCH DOORS OR WINDOWS SWINGING OUT

SHOWING APPLICATION OF CREMONE BOLT ON ASTRAGAL STRIP

SHOWING APPLICATION OF CREMONE BOLT ON DOOR OR WINDOW STILE.

APPLICATION OF CREMONE BOLT SHOWING NO 1 RIM STRIKES AS REGULARLY PACKED WITH BOLTS • NO 4 STRIKE CAN BE USED

FRENCH DOORS OR WINDOWS SWINGING OUT EQUIPPED WITH CREMONE BOLT ON STILE.

• CREMONE BOLT STRIKES SHOWING APPLICATION •

WHEN ORDERING CREMONE BOLTS SPECIFY •

HEIGHT OF DOOR OR WINDOW •

WIDTH OF STILE OR ASTRAGAL •

HAND OF DOOR OR WINDOW TAKEN FROM INSIDE OR THE SIDE ON WHICH THE CREMONE BOLT IS APPLIED, AND SPECIFYING WHETHER IT OPENS IN OR OUT

DISTANCE FROM BOTTOM OF DOOR OR WINDOW TO CENTER OF LEVER OR KNOB. •

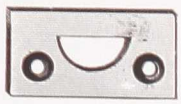
IF SPECIAL STRIKES ARE REQUIRED SEND DETAIL OF HEAD, SILL AND MEETING STILES •

WHEN ORDERING STRIKES SEPARATELY SPECIFY THE NUMBERS OF THE CREMONE BOLTS WITH WHICH THEY ARE TO BE USED

SURFACE AND CREMONE BOLT STRIKES

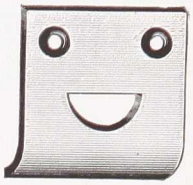
FOR CASEMENT SASH OR DOORS

No. 1
Opening In

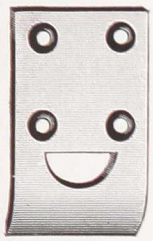


No. 2
Opening Out or In

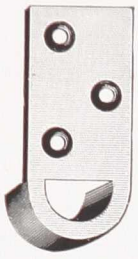
No. 3
Opening Out or In



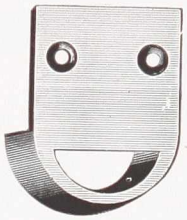
No. 4
Opening In



No. 5
Opening In

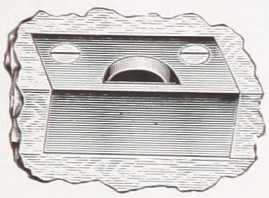


No. 6
Opening In

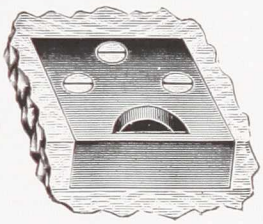


No. 7
Opening In

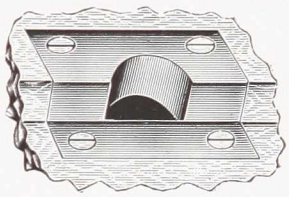
No. 8
Opening Out or In
For Cement



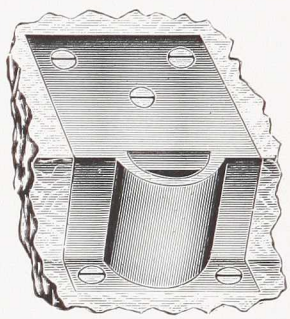
No. 9
Opening Out



No. 10
Opening Out



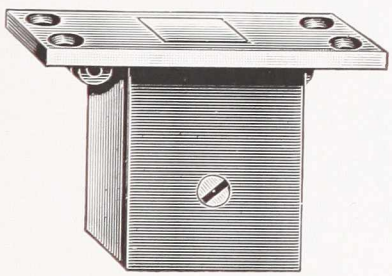
No. 11
Opening Out



No. 12
Opening Out or In

All of the above types of strikes are made with 3/8, 1/2 or 5/8 inch openings. Specify number of bolt, strike is to be used with.
If the types of strikes shown above do not meet the conditions required, send detail drawing of sash or door.

DUST PROOF STRIKES



Nos. 3040½ and 3040¾

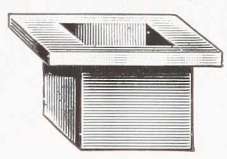
CAST BRONZE OR BRASS

Number	Face	Case	For Bolts
3040½	3⅜x1½ in.	1¼x2x1 in.	½ in. Head
3040¾	3⅜x1½ in.	1¼x2x1 in.	¾ in. Head

Packed as ordered, with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

STRIKE FOR CEMENT

TO BE USED
WITH
FLUSH BOLTS



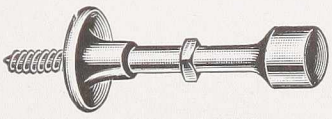
No. 3042

CAST BRONZE OR BRASS

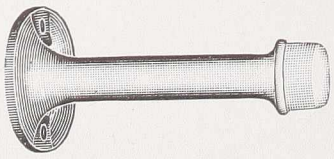
Number	Face	Case
3042	1¾x1¼ in.	⅞x1⅛x⅞ in.

State size of bolt head to be used with this strike.

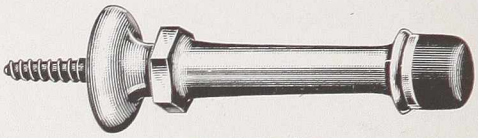
DOOR STOPS



Nos. 3302 and 03302



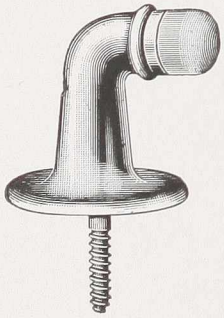
Nos. 3303 and 03303



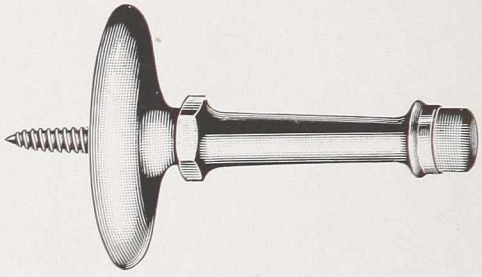
Nos. 3308 and 03308
Type Nos. 3308½ and 03308½
Type Nos. 3308¾ and 03308¾

Nos. 3301 and 03301

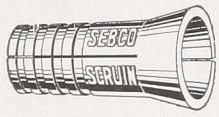
Nos. 3310 and 03310



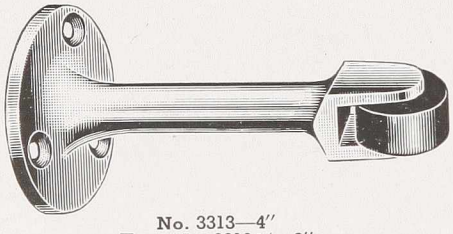
Nos. 3311 and 03311



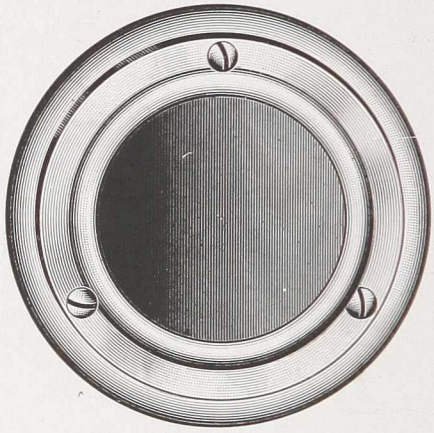
No. 3309



Type of Lead Expansion Shield furnished with all door stops



No. 3313—4″
Type No. 3313½—6″

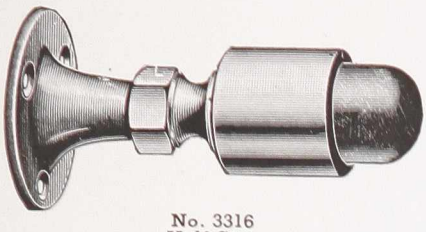


No. 3312
Type No. 3312½

Number	Base Inches	Projection or Height Inches	Attached With	Material
3301	1⅜	1	Wood Screw	Cast Bronze—Rubber Tip
03301	1⅜	1	Wood Screw	Cast Iron—Rubber Tip
3302	1	2½	Wood Screw	Cast Bronze—Rubber Tip
03302	1	2½	Wood Screw	Cast Iron—Rubber Tip
3303	1¼	3	Wood Screw	Cast Bronze—Rubber Tip
03303	1¼	3	Wood Screw	Cast Iron—Rubber Tip
*3308	1¼	3¼	Wood Screw	Cast Bronze—Rubber Tip
3308½	1¼	3¼	Iron Expansion	Cast Bronze—Rubber Tip
3308¾	1¼	3¼	Lead Expansion	Cast Bronze—Rubber Tip
*03308	1¼	3¼	Wood Screw	Cast Iron—Rubber Tip
03308½	1¼	3¼	Iron Expansion	Cast Iron—Rubber Tip
03308¾	1¼	3¼	Lead Expansion	Cast Iron—Rubber Tip
3309	2½	3¼	Wood Screw	Cast Bronze—Rubber Tip
3310	1⅛	1⅜	Wood Screw	Cast Bronze—Rubber Tip
03310	1⅛	1⅜	Wood Screw	Cast Iron—Rubber Tip
3311	1¾	1⅞	Wood Screw	Cast Bronze—Rubber Tip
03311	1¾	1⅞	Wood Screw	Cast Iron—Rubber Tip
3312	4	½	Wood Screw	Cast Bronze—Rubber Insert
3312½	4	½	Toggle Bolt	Cast Bronze—Rubber Insert
3313	2	4	Wood Screws	Cast Bronze—Rubber Roller
3313½	2	6	Wood Screws	Cast Bronze—Rubber Roller

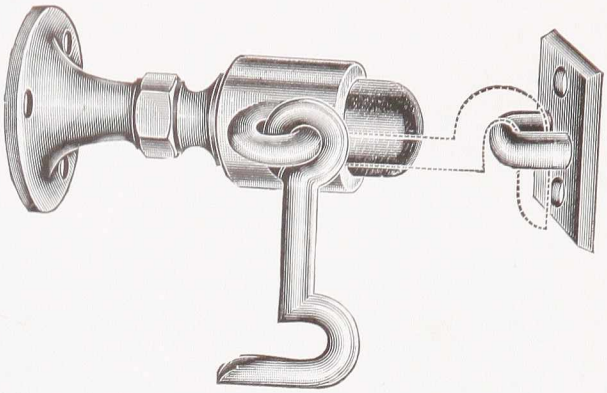
*Can be furnished in the following projections: 4″, 4½″, 5″, 5½″ and 6″.
If lead expansion shields are wanted with any stop not listed with same, add "¾" as a suffix to number.
Packing—All numbers except Nos. 3312 and 3313 Series, 1 dozen in a box. No. 3312 Series, 2 in a box. No. 3313 Series, 3 in a box. Specify Number and Finish. Refer to Page No. 32A for description of finish.

DOOR STOPS AND HOLDERS

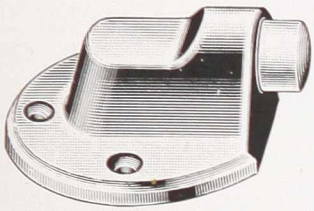


No. 3316
Half Size

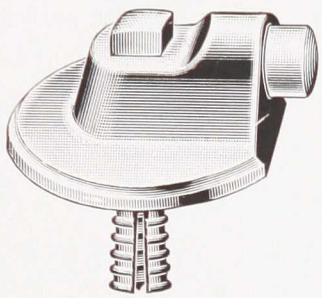
No. 3316½
Quarter Size



No. 3326 Right Hand R
Half Size



No. 3318
Half Size

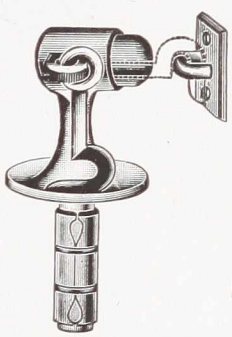


No. 3318½
Half Size

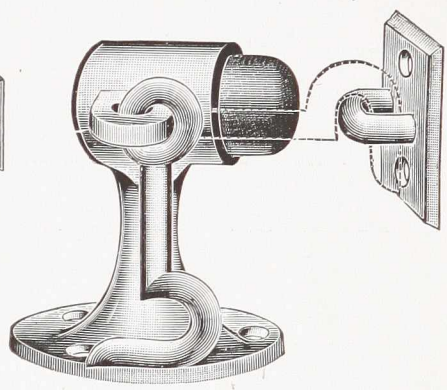
No. 3326½
Right Hand
Quarter Size

No. 3317
Half Size

No. 3317½
Quarter Size



No. 3327½ Right Hand
Quarter Size

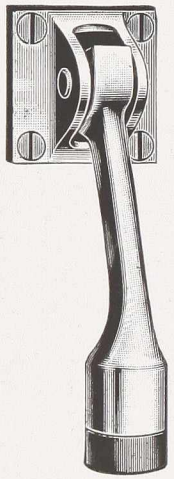


No. 3327 Right Hand
Half Size

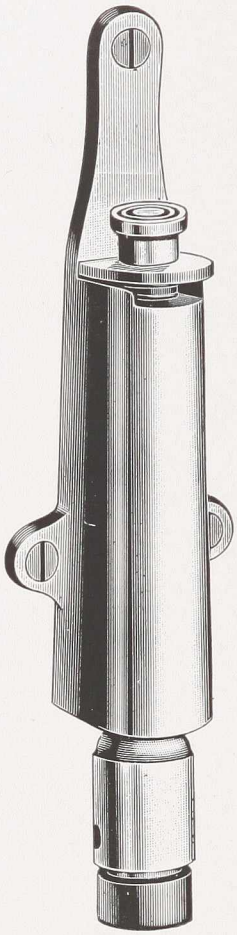
Number	Base Inches	Projection or Height Inches	Attached With	Material
3316	2¼	3¾	Wood Screws	Cast Brass—Rubber Tip
3316½	2¼	3¾	Iron Expansion	Cast Brass—Rubber Tip
3317	2¾	3	Wood Screws	Cast Brass—Rubber Tip
3317½	2¾	3	Iron Expansion	Cast Brass—Rubber Tip
3318	4	2	Wood Screws	Cast Brass—Rubber Tip
3318½	4	2	Lag Screw	Cast Brass—Rubber Tip
*3326	2¼	3¾	Wood Screws	Cast Brass—Rubber Tip
*3326½	2¼	3¾	Iron Expansion	Cast Brass—Rubber Tip
*3327	2¾	3	Wood Screws	Cast Brass—Rubber Tip
*3327½	2¾	3	Iron Expansion	Cast Brass—Rubber Tip

*These holders are made right or left hand. Specify hand wanted. Right hand furnished regular.
Stops and holders with expansion shields have ⅜" studs. Shields are ⅞" diameter. Plates of hooks are 2"x1½".
Packing—Nos. 3316, 3316½, 3317 and 3326, 6 in a box. All others, 3 in a box, with screws or expansion shields.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

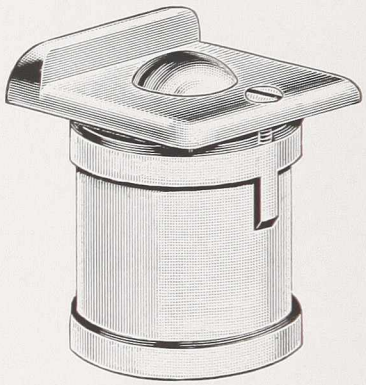
DOOR HOLDERS



Nos. 3330 and 03330
Type Nos. 3332 and 03332



Nos. 3346 and 03346
Type Nos. 3347 and 03347



No. 3340

Number	Length Inches	Size of Base Inches	Material
3330	4	1½x1½	Cast Bronze—Rubber Tip
03330	4	1½x1½	Cast Iron—Rubber Tip
3332	5	2 x2	Cast Bronze—Rubber Tip
03332	5	2 x2	Cast Iron—Rubber Tip

Packed 6 in a box, with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

ADJUSTABLE BALL TYPE

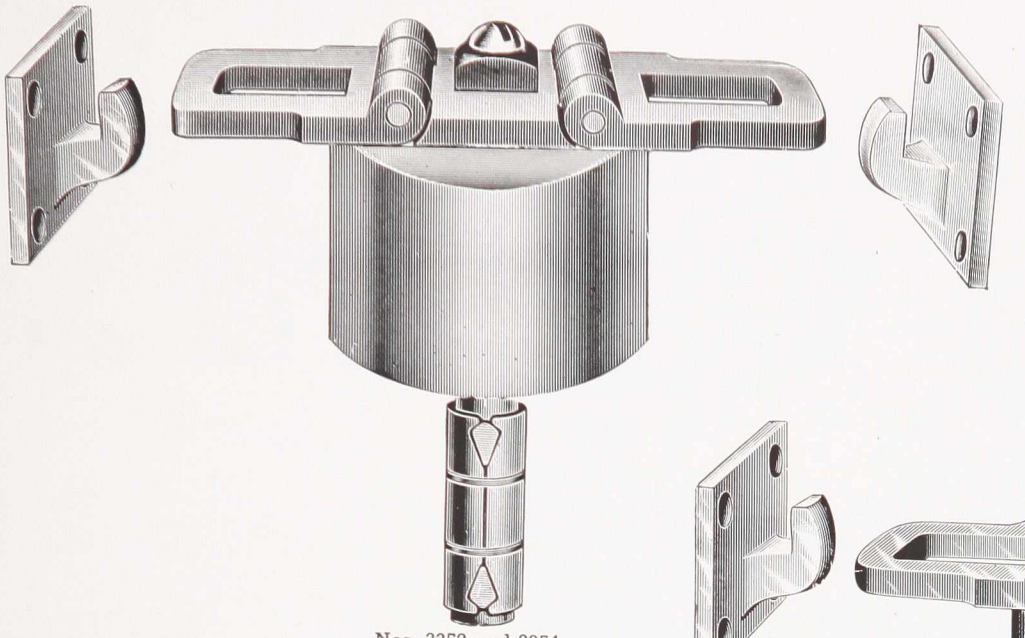
Number	Length, Body Inches	Diameter, Body Inches	Size of Top Inches	Material
3340	2¼	2⅜	2½x2½x1¼	Iron Body, Cast Bronze Top, Steel Ball

Packed 1 in a box.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

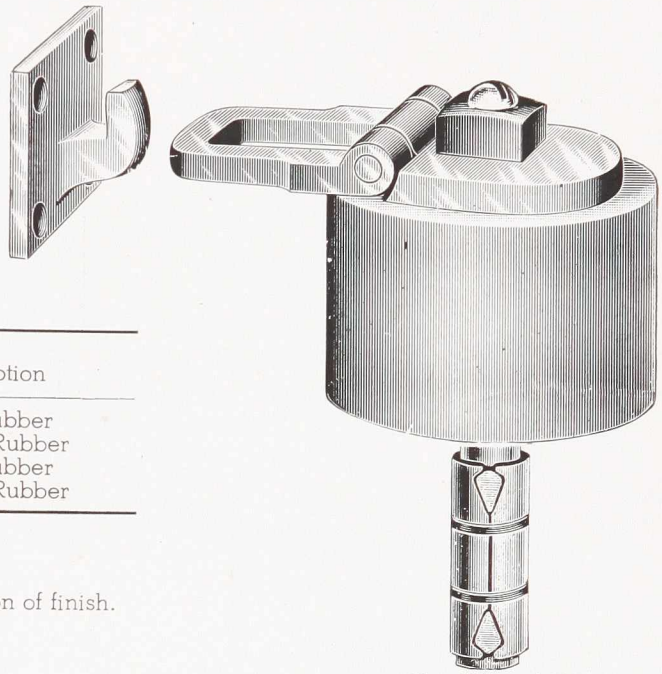
Number	Size, Inches	Throw, Inches	Projection, Inches	Material
3346	7¼x2½	1⅝	1¼	Cast Bronze—Rubber Tip
03346	7¼x2½	1⅝	1¼	Cast Iron—Rubber Tip
3347	9 x2⅝	2⅛	1½	Cast Bronze—Rubber Tip
03347	9 x2⅝	2⅛	1½	Cast Iron—Rubber Tip

Packed 3 in a box, with screws.
When ordering rubbers only, be sure to specify holder number.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

DOOR HOLDERS



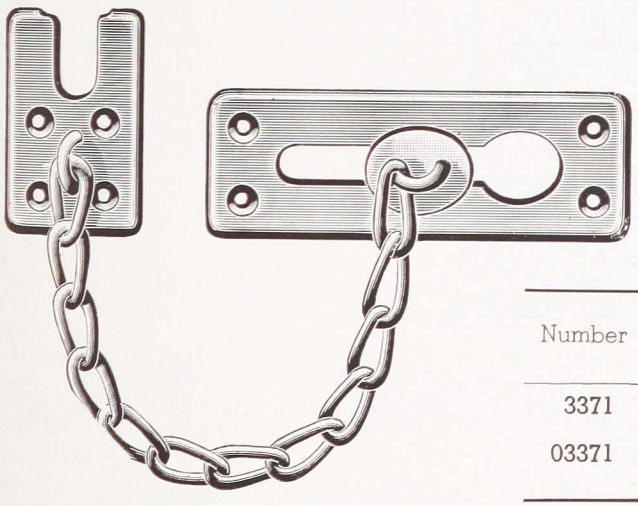
Nos. 3352 and 3354



Nos. 3351 and 3353

Number	Size of Rubber Inches	Material	Description
3351	2x3	Cast Bronze	With Rubber
3352	2x3	Cast Bronze	Without Rubber
3353	2x3	Cast Bronze	With Rubber
3354	2x3	Cast Bronze	Without Rubber

Packed each in a box, with lag screws and shields.
Lag screw heads are covered with a cast brass cap.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



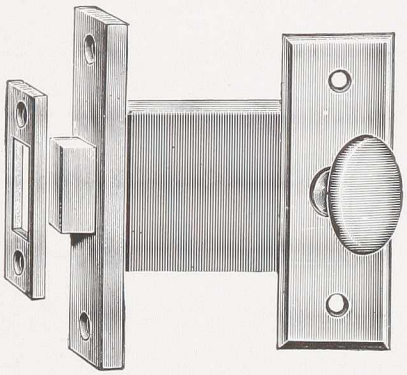
No. 3371 and 03371

CHAIN DOOR GUARDS

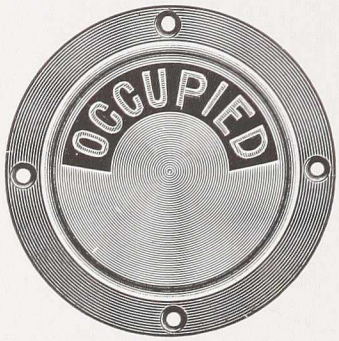
Number	Size Plate Inches	Size of Hanging Plate Inches	Length of Chain Plate to Plate Inches	Material
3371	1⅜x4	1⅜x2⅛	7¾	Wrought Brass with Brass Chain
03371	1⅜x4	1⅜x2⅛	7¾	Wrought Steel with Steel Chain

Packed 1 dozen in a box, with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

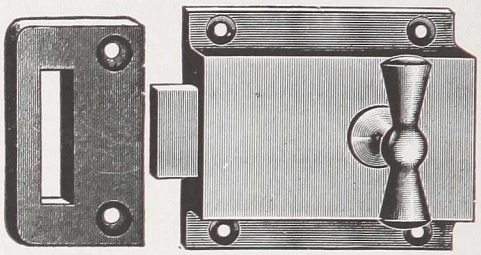
LAVATORY BOLTS AND LATCHES



Nos. 3101 and 3102



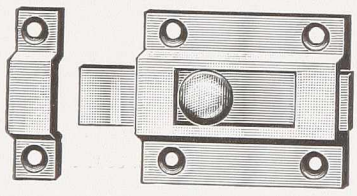
No. 3100 Dial



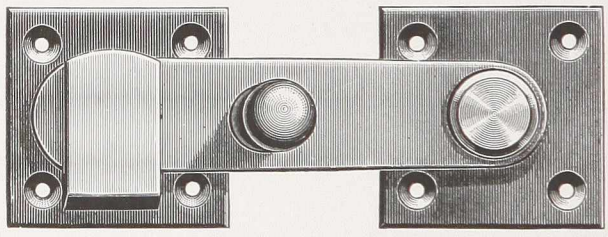
Nos. 3103 and 3104
Type Nos. 3105 and 3106

Number	Bolt	Backset Inches	Throw of Bolt Inches	Turn Knob	No. 3100 Wrought Dial 3⅛ in. Dia.	Material
3101	No. 988	1¾	7/16	2407C	No. 3100	Cast Bronze
3102	No. 988	1¾	7/16	2407C	None	Cast Bronze
3103	2 7/16 x 2 5/8 x 5/8 in.	1 5/8	½	.....	No. 3100	Cast Bronze
3104	2 7/16 x 2 5/8 x 5/8 in.	1 5/8	½	.....	None	Cast Bronze
3105	2 7/16 x 2 15/16 x ¾ in.	1 5/8	¾	.....	No. 3100	Cast Bronze
3106	2 7/16 x 2 15/16 x ¾ in.	1 5/8	¾	.....	None	Cast Bronze

Packed 3 in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



No. 3110



No. 3112

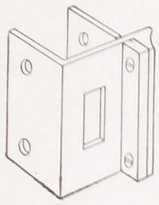
Number	Size of Base Inches	Length of Bar Inches	Throw of Bolt Inches	Material
3110	1¾ x 2	2¾	¾	Cast Bronze
3112	2 x 2	4 7/8	..	Cast Bronze

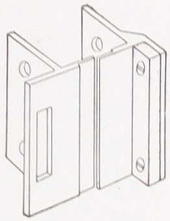
Packed 6 in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

BOLTS—SCREWS AND NUTS

Type A—¼"x12-24x1¼" between faces of nuts, acorn head.
Type B—¼"x12-24x1¼" between faces of nuts, spanner head.
Type C—¾"x12-24 sleeve x 5/8"-12-24 oval, spanner head.
Type D—¾"-5/32" machine screw, flat spanner head.
Type E—¾-12-24 machine screw, oval spanner head.
Type F—Flat washer, ¾ diam. x ¼" hole.
Type G—Countersunk washer, 7/8 diam. x 3/8" hole.

LAVATORY BOLT AND LATCH STRIKES FOR MARBLE


No. 3120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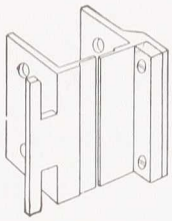
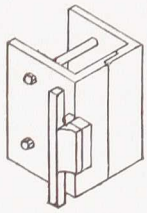
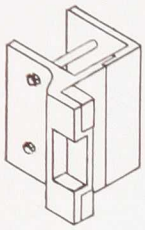

No. 3122


No. 3123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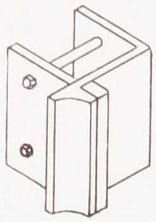
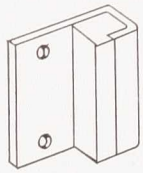

No. 3125


No. 3129

Adjustable for 1 1/16" to 1 1/4" Marble
Specify Thickness of Marble and Door

Number	Height Inches	Used With Bolt	Doors Opening	Material
3120	2½	Nos. 3101 or 3102	In or Out	Cast Bronze
3121	2½	Nos. 3103, 3104, 3105, 3106 and 3110	In	Cast Bronze
3122	2½	No. 3112 Latch	In	Cast Bronze
3123	2½	No. 3112 Latch	Out	Cast Bronze
3124	2½	Nos. 3103, 3104, 3105, 3106 and 3110	Out	Cast Bronze
3125	2½	Bumper Only	In or Out	Cast Bronze
3129	2	Bumper Only for Doors	.....	Cast Bronze

Packed—Nos. 3120 to 3125, 3 in a box, with through bolts. Packed—No. 3129, 6 in a box, with wood screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CABIN DOOR HOOKS

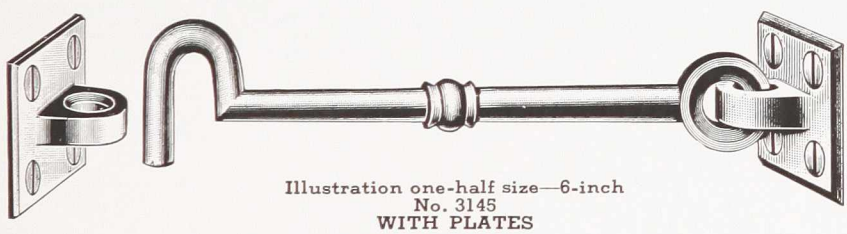
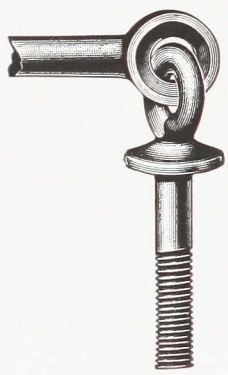


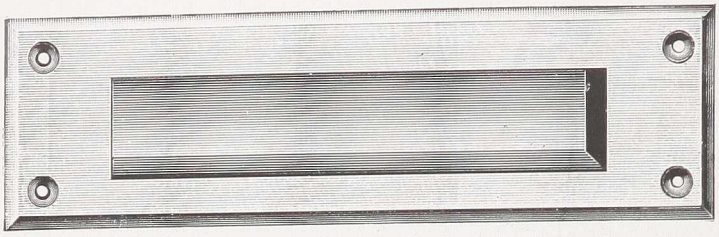
Illustration one-half size—6-inch
No. 3145
WITH PLATES


Eye Bolt for No. 3150

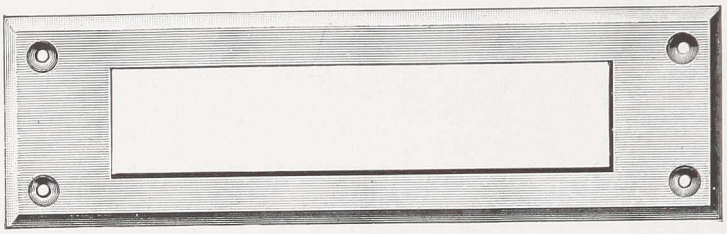
Number	Length Hook, Inches	Plates Size, Inches	Eye Bolt Size, Inches	Material
3145	4	1½x1½	.....	Cast Bronze
3145	6	1½x1½	.....	Cast Bronze
3145	8	1½x1½	.....	Cast Bronze
3145	12	1½x1½	.....	Cast Bronze
3150	4	1½x1½	⅜x2½	Cast Bronze
3150	6	1½x1½	⅜x2½	Cast Bronze
3150	8	1½x1½	⅜x2½	Cast Bronze
3150	12	1½x1½	⅜x2½	Cast Bronze

Packed, 1 dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

LETTER BOX PLATES AND HOODS



No. 3411



No. 3412—Back Plate

No. 3421
Type No. 3431

No. 3423—Hood
Type No. 3433—Hood

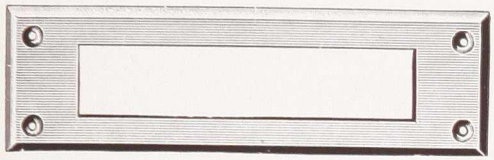
Number	FRONT PLATE		Back Plate Size	Hood Size	Material
	Size	Opening			
3411	2 x7 in.	1 x4¾ in.	.....	.....	Cast Bronze
3412	2 x7 in.	1 x4¾ in.	2 x7 in.	.....	Cast Bronze
3413	2 x7 in.	1 x4¾ in.	.....	2 x7 in.	Cast Bronze
3421	2 x7 in.	1 x4¾ in.	.....	.....	Cast Bronze
3422	2 x7 in.	1 x4¾ in.	2 x7 in.	.....	Cast Bronze
3423	2 x7 in.	1 x4¾ in.	.....	2 x7 in.	Cast Bronze
3431	2¼x7½ in.	1⅛x5¼ in.	.....	.....	Cast Bronze
3432	2¼x7½ in.	1⅛x5¼ in.	2¼x7½ in.	.....	Cast Bronze
3433	2¼x7½ in.	1⅛x5¼ in.	.....	2¼x7½ in.	Cast Bronze

If ornamental letter box plates are wanted see cast designs.
Front plates packed 2 in a box, all others each in a box with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

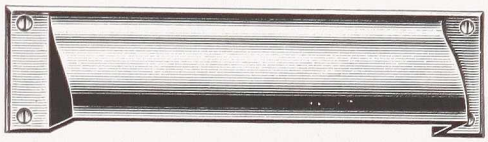
LETTER BOX PLATES AND HOODS

GOVERNMENT STANDARD OPENINGS

No. PR3451—Front Plate Only
No. PR3452—Front Plate with Back Plate
No. PR3453—Front Plate with Hood
(Illustration one-half size)

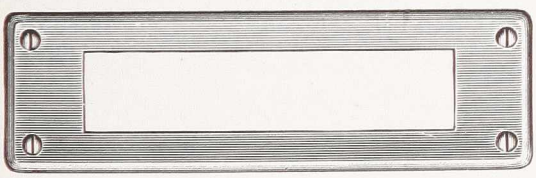


Back Plate for No. PR3452
(Illustration one-quarter size)

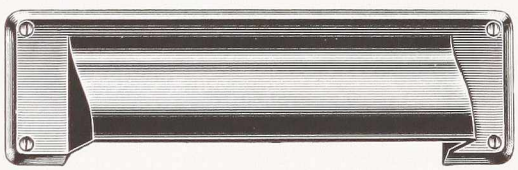


Hood for No. PR3453
(Illustration one-quarter size)

No. PC3451—Front Plate Only
No. PC3452—Front Plate with Back Plate
No. PC3453—Front Plate with Hood
(Illustration one-half size)



Back Plate for No. PC3452
(Illustration one-quarter size)



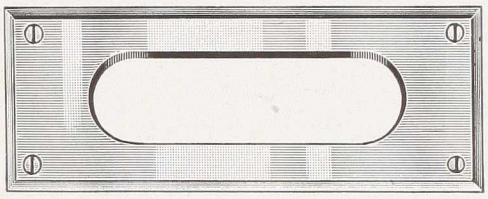
Hood for No. PC3453
(Illustration one-quarter size)

Number	Front Plates		*Back Plate Size	Hood Size	Material
	Size	Opening			
PR3451	2½x 9¼ in.	1½x7 in.	None	None	Cast Bronze
PR3452	2½x 9¼ in.	1½x7 in.	2½x 9¼ in.	None	Cast Bronze
PR3453	2½x 9¼ in.	1½x7 in.	None	2½x 9¼ in.	Cast Bronze
PC3451	3 x10 in.	1½x7 in.	None	None	Cast Bronze
PC3452	3 x10 in.	1½x7 in.	3 x10 in.	None	Cast Bronze
PC3453	3 x10 in.	1½x7 in.	None	3 x10 in.	Cast Bronze

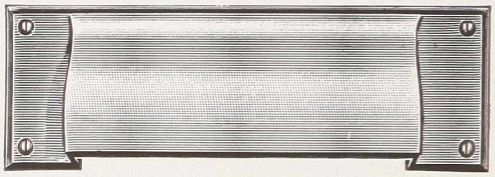
For ornamental letter box plates, refer to cast design section.
Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish. *Not Illustrated.

LETTER BOX PLATES AND HOODS

No. PR3441—Front Plates Only
No. PR3442—Front Plates with Back Plates
No. PR3443—Front Plates with Hoods
(Illustration one-half size)



Back Plate for No. PR3442
(Illustration one-quarter size)



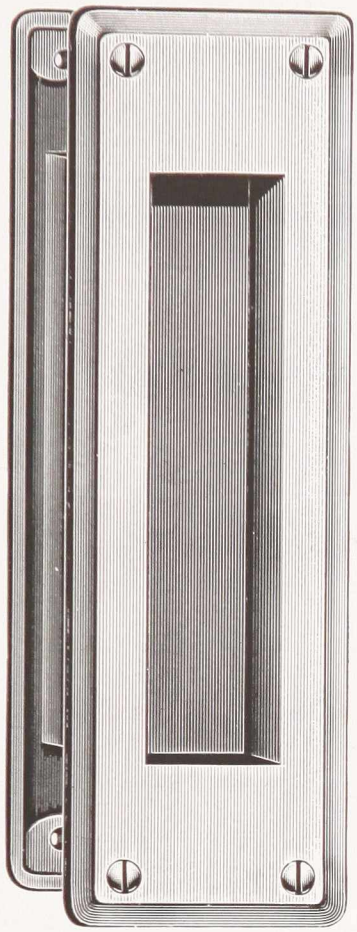
Hood for No. PR3443
(Illustration one-quarter size)

Number	Front Plate		Back Plate Size	*Hood Size	Material
	Size	Opening			
* **PR3441**	4x10½ in.	2x7 in.	None	None	Cast Bronze
PR3442	4x10½ in.	2x7 in.	4x10½ in.	None	Cast Bronze
PR3443	4x10½ in.	2x7 in.	None	3½x10½ in.	Cast Bronze

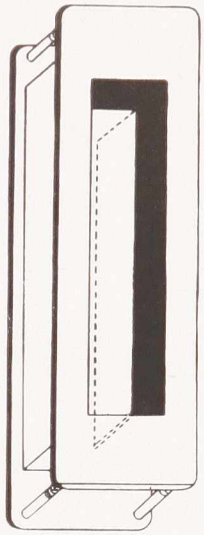
*No. PR3441 series can be furnished with plain flap in place of word "papers" if wanted.
If ornamental letter box plates are wanted see cast designs.
Front plates packed 2 in a box, all others, each in a box with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
*Not Illustrated.

LETTER BOX PLATES WITH CHUTES

GOVERNMENT STANDARD OPENINGS



No. PC3472

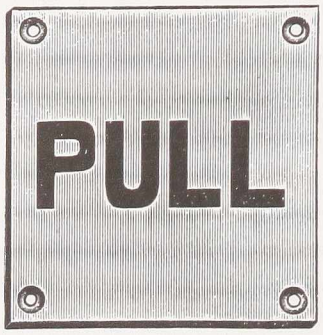


Number	Front Plate		Back Plate	Material
	Size	Opening		
PC3472	10 1/8x2 15/16 in.	7x1 1/2 in.	9 7/8x2 15/16 in.	Cast Bronze

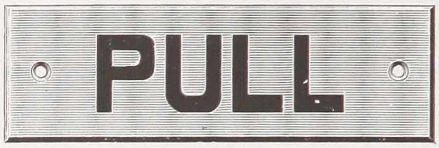
Specify thickness of door. Furnish regular for 1 3/4 in. door. Attached with wood machine screws or through bolts. Be sure to Specify type wanted. Wrought metal chute will be furnished regular.
Packed each in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

SMALL PUSH AND PULL PLATES

No. 3551



No. 3552



No. 3553—Pull
No. 3553½—Push

No. 3554½—Push
No. 3554—Pull

Number	Size	Material
3551—Push	3 x3 inches	Cast Bronze
3552—Pull	3 x3 inches	Cast Bronze
3553—Pull	1¼x4 inches	Cast Bronze
3553½—Push	1¼x4 inches	Cast Bronze
3554—Pull	4 x1¼ inches	Cast Bronze
3554½—Push	4 x1¼ inches	Cast Bronze

Packed 1 dozen in a box.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

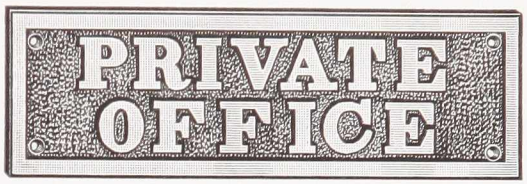
NAME PLATES

RAISED LETTERS AND EDGE, MATTED SURFACE

No. 3501

No. 3501

No. 3502



No. 3503

CAST BRONZE

Number	Size Inches	Letters		Number	Size Inches	Numerals	
		Height Inches	Maximum Number			Height Inches	Maximum Number
3501	2½x10	1½	Six	3505	2¼x3¾	1½	Two
3502	2½x12	1	Ten	3506	2 x3¾	1	Three
3503	3¼x10	1	Fourteen				
3504	3¼x12	1	Nineteen				

PLATES IN STOCK—Others to Special Order. No. 3505 and 3506 Not Illustrated

No. 3501
BATH
BOYS
GIRLS
LADIES
MEN
OFFICE
PRINCIPAL
WOMEN

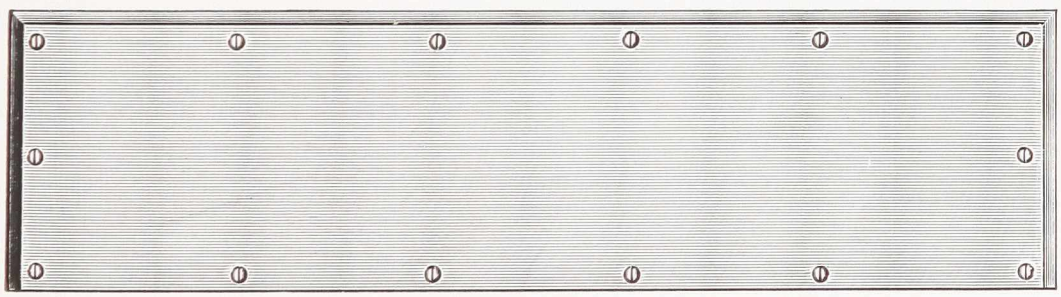
No. 3502
AUDITORIUM
CAFETERIA
GYMNASIUM
LIBRARY

No. 3503
BOYS' LOCKER
GENERAL OFFICE
GENERAL SCIENCE
GIRLS' LOCKER
HEALTH ROOM
LOCKER ROOM
PRIVATE OFFICE
TEACHERS' ROOM

No. 3504
BOYS' INSTRUCTOR
CHEMISTRY LABORATORY
GIRLS' INSTRUCTOR

Plates With Two Words Have Two Lines.

KICK PLATES

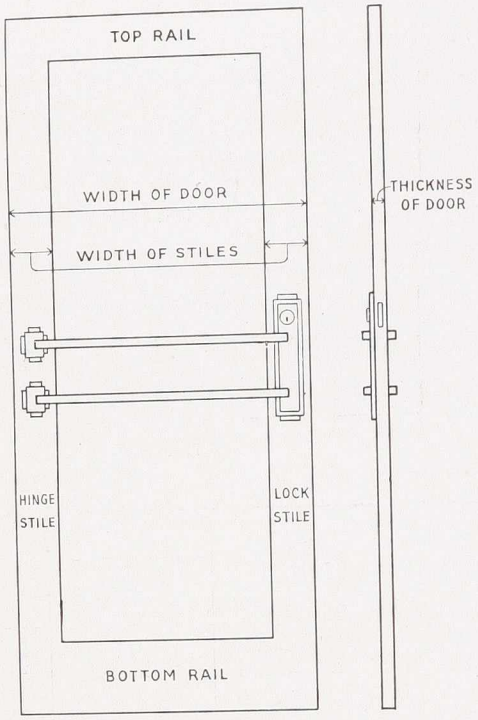


Nos. 3514 and 3516

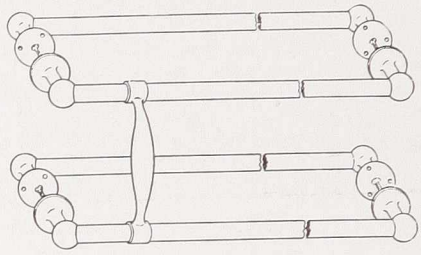
Number	Gauge	Decimal Thickness, Inch	Material	Packed
3514	No. 14—B & S	0.064	Wrought Bronze or Brass—Square Edge	Oval Head Screws
3514B	No. 14—B & S	.....	Wrought Bronze or Brass—Beveled 3 Sides	Oval Head Screws
3516	No. 16—B & S	0.051	Wrought Bronze or Brass—Square Edge	Oval Head Screws
3516B	No. 16—B & S	.....	Wrought Bronze or Brass—Beveled 3 Sides	Oval Head Screws

Can furnish No. 8 or No. 12 gauge.
Square edge plates are furnished unless otherwise stated.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

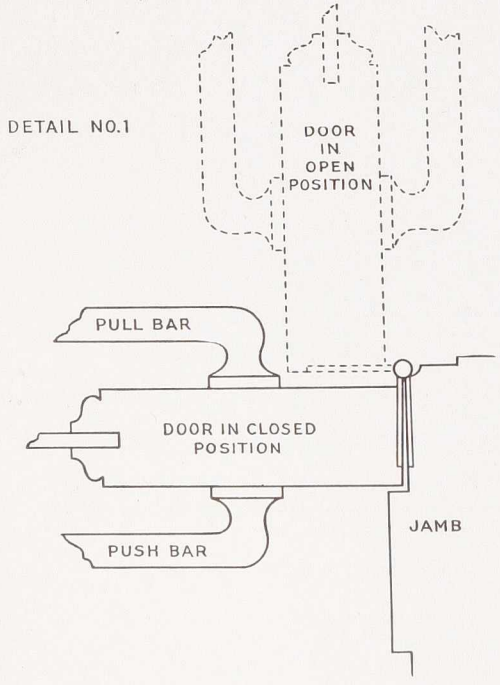
DETAILS FOR PUSH AND PULL BARS



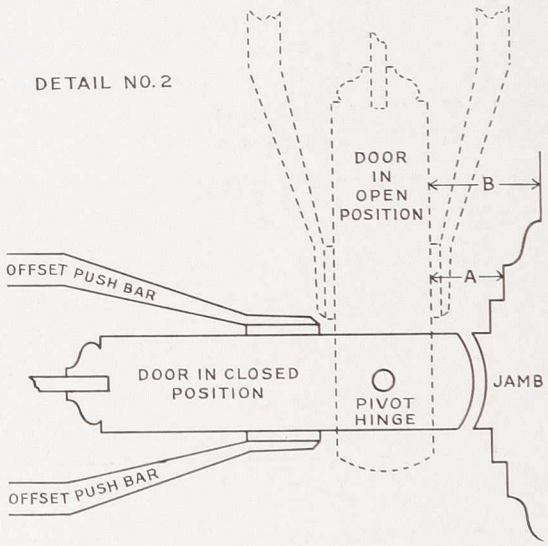
Outside Bars Attached with Through Bolts
Inside Bars Attached with Wood Screws



Showing application of push and pull bars in sets with outside bars applied with through bolts and inside bars with wood screws.



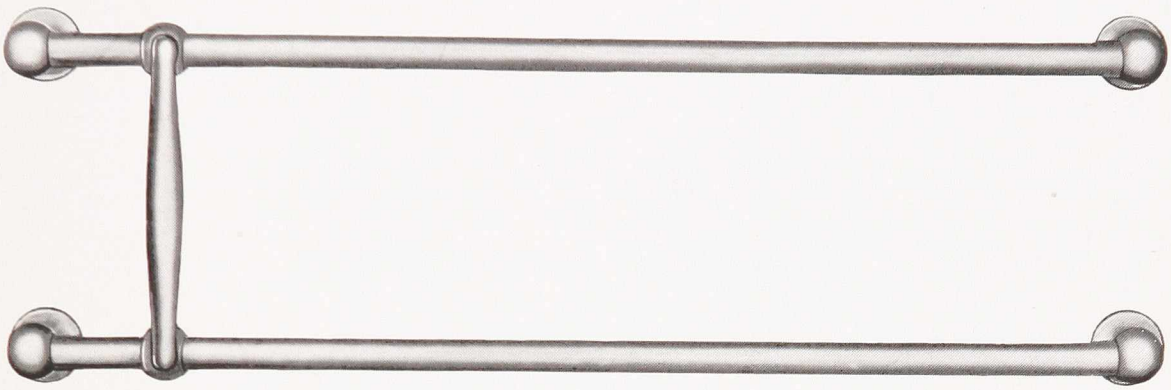
Showing hinge stile of single acting door, using regular push and pull bars. If regular bar will not clear jamb then offset bracket must be specified on hinge stile.
Send detail, giving measurements A and B as shown in detail, No. 2.



Showing hinge stile with push bars with offset brackets to clear jamb. Send detail, giving measurement, A and B.

PUSH AND PULL BARS

No. 3712—Single Push Bar
Government Standard



No. 3722—Pull Bar, 8″ Center to Center of Bars
Government Standard

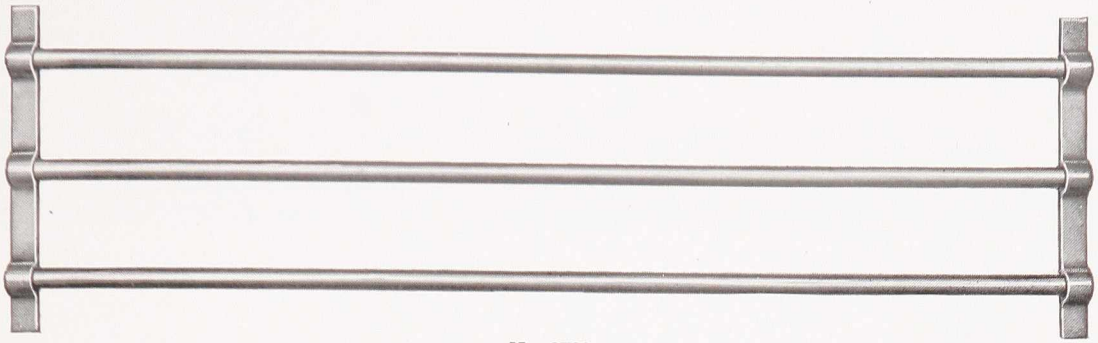
No. 3732—Set
Two No. 3712 Push Bars for Push Side of Door
One No. 3722 Pull Bar for Pull Side of Door

Number	Round Wrought Bronze Tubing			Cast Bronze Standards		
	Diameter Inches	Projection Inches	Clearance Inches	Diameter of Base Inches	Projection Inches	Clearance Under Grip, In.
3712	1	2 3/8	1 3/8	2	2 5/8	.....
3722	1	2 3/8	1 3/8	2	2 5/8	3
3732	1	2 3/8	1 3/8	2	2 5/8	3

No. 3712 is furnished with wood screws unless specified with through bolts.
No. 3722 is furnished with 2-inch, 12-24 F. H. iron through bolts unless otherwise specified.
Specify length, center to center, and give thickness of door when through bolts are required.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

[FUTURE DESIGNS]

PUSH BARS



No. 3703

Type Nos. 3701 to 3706

Number	Round Wrought Bars—Bronze				Cast Bronze Standards	
	Number of Bars	Diameter Inches	Projection Inches	Clearance Inches	Length Inches	Width Inches
3701	1	5/8	1 1/8	1/2	3	3/4
3702	2	5/8	1 1/8	1/2	6	3/4
3703	3	5/8	1 1/8	1/2	9	3/4
3704	4	5/8	1 1/8	1/2	12	3/4
3705	5	5/8	1 1/8	1/2	15	3/4
3706	6	5/8	1 1/8	1/2	18	3/4

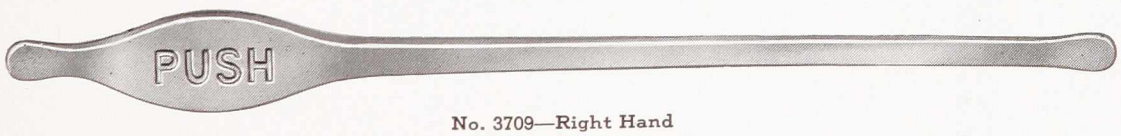
Brackets furnished with wood screws. Specify length, center to center of brackets.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

No. 3707 Series

No. 3708

Number	Round Wrought Bars—Bronze		Cast Bronze Standards	
	Diameter Inches	Clearance Inches	Diameter of Base Inches	Projection Inches
3707	3/4	1 3/8	2	2 3/8
3707A	1	1 3/8	2	2 5/8
3707B	1 1/4	1 3/8	2 1/4	2 7/8
3707C	1 1/2	1 3/8	2 1/4	3 1/8
3708	1	1 1/4	2 1/2	2 3/8

Specify length center to center of brackets.
All bars furnished with wood screws, unless specified with through bolts. If wanted with through bolts, specify thickness of doors.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



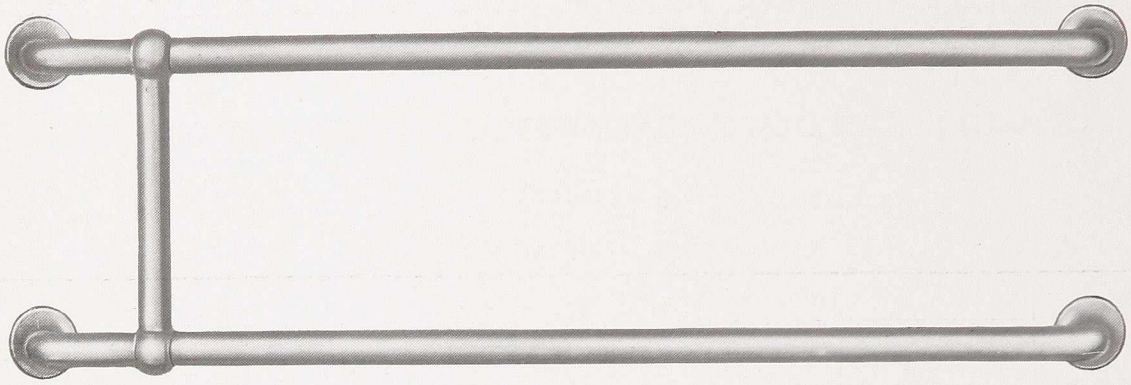
No. 3709—Right Hand

Number	Size of Bar Inches	Width at "Push" Inches	Width of Base Inches	Clearance	Material
3709	7/8x1/2	2 3/4	1 1/8	**None**	Cast Bronze

Not reversible, specify hand described on Page No. 41A.
Specify length center to center of through bolt holes.
These bars are furnished regularly with through bolts for single or double acting doors.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

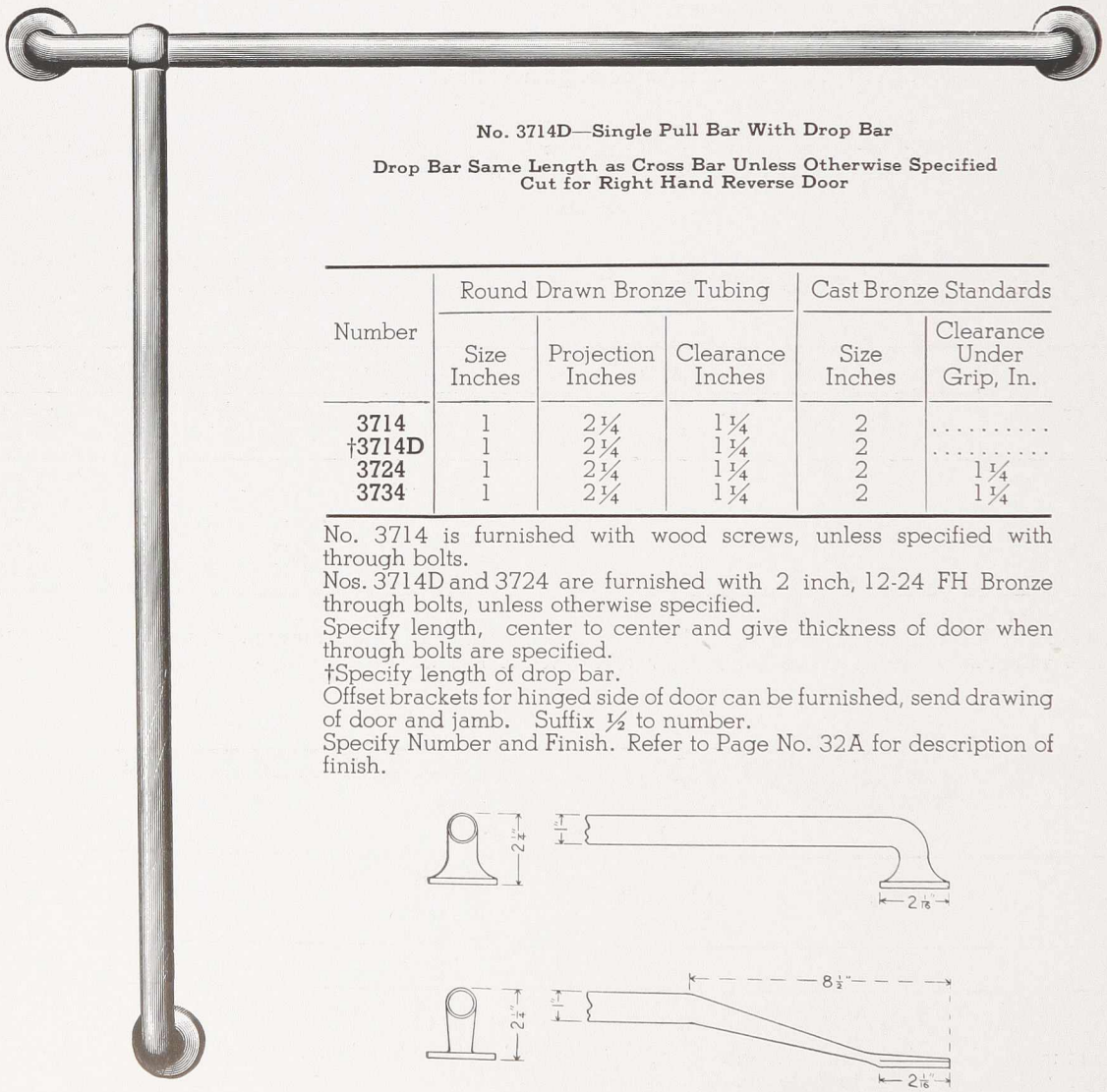
PUSH AND PULL BARS

No. 3714—Single Push Bar



No. 3724—Pull Bar 8 Inches Center to Center

No. 3734—Set Consisting of
Two, No. 3714 Push Bar for Push Side of Door
One, No. 3724 Pull Bar for Pull Side of Door



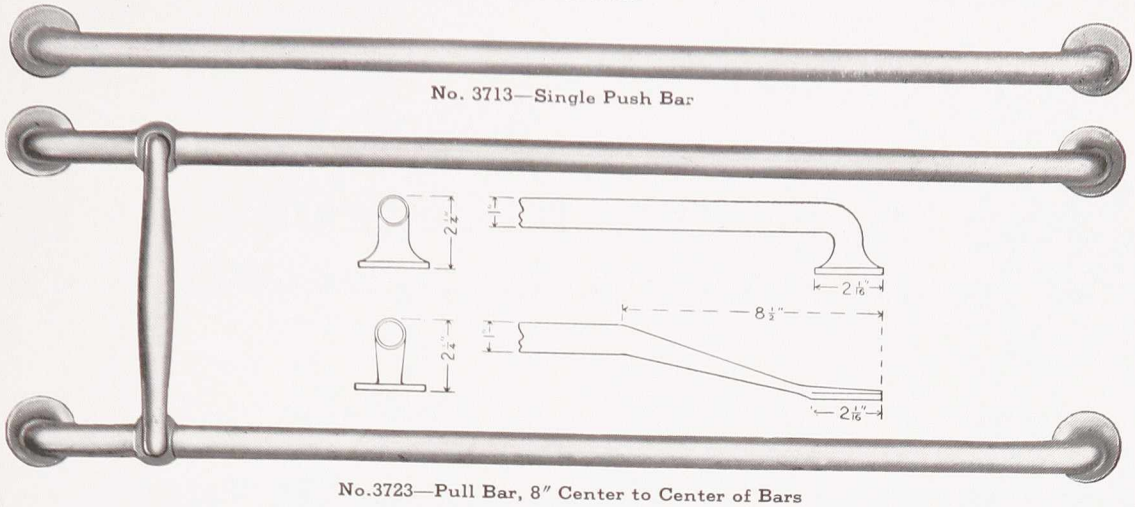
No. 3714D—Single Pull Bar With Drop Bar

Drop Bar Same Length as Cross Bar Unless Otherwise Specified
Cut for Right Hand Reverse Door

Number	Round Drawn Bronze Tubing			Cast Bronze Standards	
	Size Inches	Projection Inches	Clearance Inches	Size Inches	Clearance Under Grip, In.
3714	1	2¼	1¼	2	.....
†3714D	1	2¼	1¼	2	.....
3724	1	2¼	1¼	2	1¼
3734	1	2¼	1¼	2	1¼

No. 3714 is furnished with wood screws, unless specified with through bolts.
Nos. 3714D and 3724 are furnished with 2 inch, 12-24 FH Bronze through bolts, unless otherwise specified.
Specify length, center to center and give thickness of door when through bolts are specified.
†Specify length of drop bar.
Offset brackets for hinged side of door can be furnished, send drawing of door and jamb. Suffix ½ to number.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

PUSH AND PULL BARS



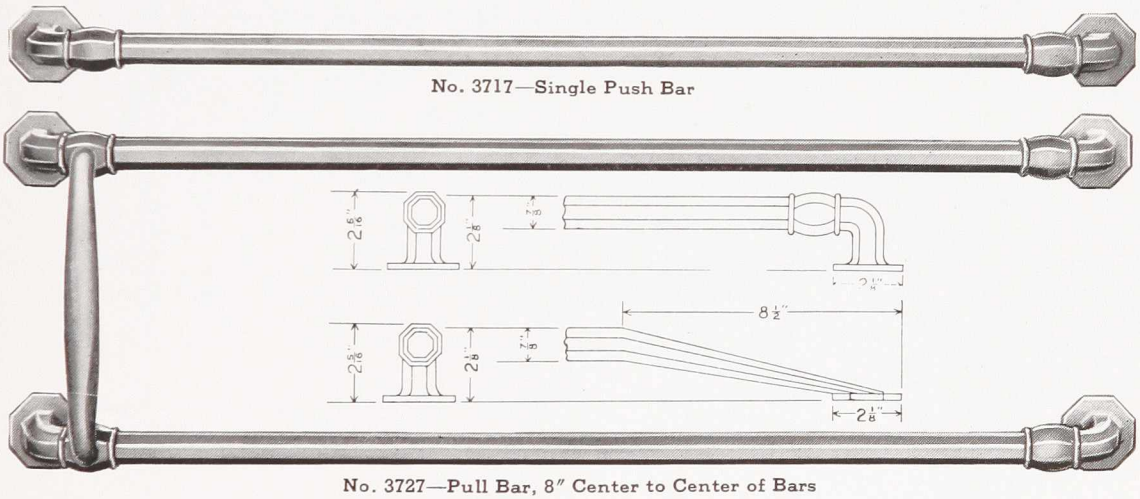
No. 3713—Single Push Bar

No.3723—Pull Bar, 8″ Center to Center of Bars

No. 3733—Set
Two No. 3713 Push Bars for Push Side of Door
One No. 3723 Pull Bar for Pull Side of Door

Number	Round Drawn Bronze Tubing			Cast Bronze Standards		
	Size Inches, Round	Projection Inches	Clearance Inches	Size Inches	Projection Inches	Clearance Under Grip, In.
3713	1	2¼	1¼	2	2	.....
3723	1	2¼	1¼	2	2	2¾
3733	1	2¼	1¼	2	2	2¾

No. 3713 is furnished with wood screws unless specified with through bolts.
No. 3723 is furnished with 2-inch, 12-24 F. H. iron through bolts unless otherwise specified.
Specify length, center to center, and give thickness of door when through bolts are required.
Offset brackets for hinge side of door can be furnished, send drawing of door and jamb. Suffix ½ to number.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



No. 3717—Single Push Bar

No. 3727—Pull Bar, 8″ Center to Center of Bars

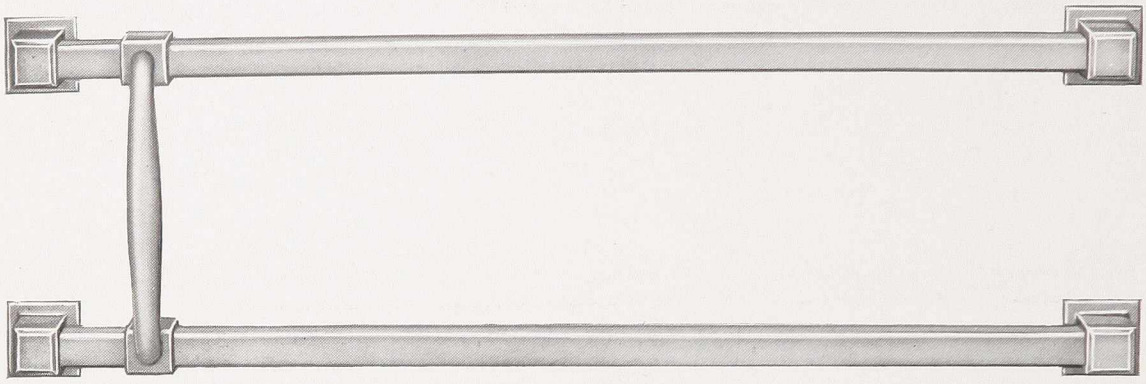
No. 3737—Set Consisting of
Two No. 3717 Push Bars for One Side of Door
One No. 3727 Pull Bar for Opposite Side of Door

Number	Octagon Drawn Bronze Tubing			Cast Bronze Standards		
	Size Inches, Oct.	Projection Inches	Clearance Inches	Size Inches	Projection Inches	Clearance Under Grip, In.
3717	⅞	2⅛	1¼	2⅛x2⅛	2½	.....
3727	⅞	2⅛	1¼	2⅛x2⅛	2½	2½
3737	⅞	2⅛	1¼	2⅛x2⅛	2½	2½

No. 3717 is furnished with wood screws unless specified with through bolts.
No. 3727 is furnished with 2-inch, 12-24 F. H. iron through bolts unless otherwise specified.
Specify length, center to center, and give thickness of door when through bolts are required.
Offset bracket for hinge side of door can be furnished, send drawing of door and jamb.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

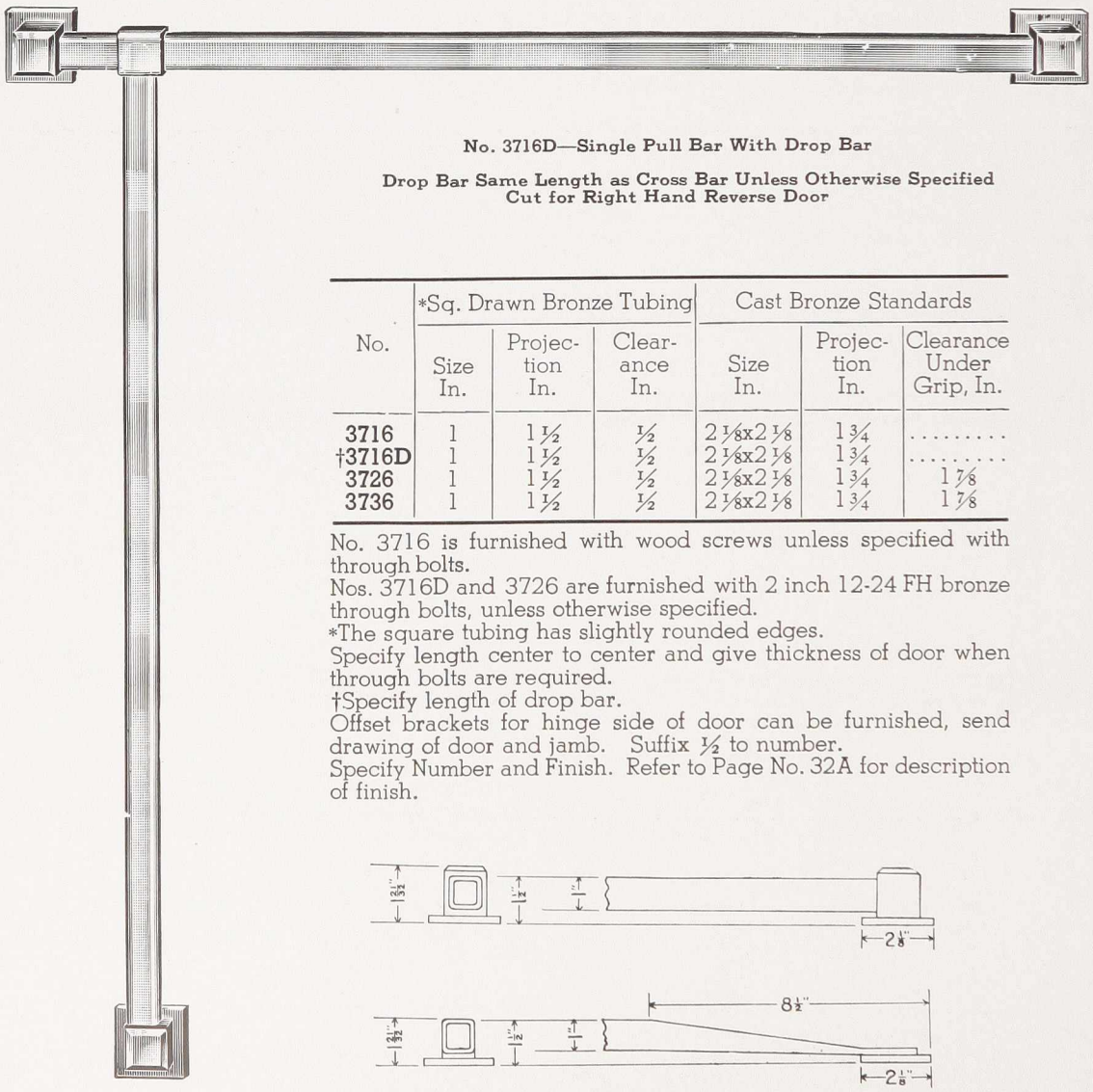
PUSH AND PULL BARS

No. 3716—Single Push Bar



No. 3726—Pull Bar, 8 Inches Center to Center of Bars

No. 3736—Set Containing
Two, No. 3716 Push Bar for Push Side of Door
One, No. 3726 Pull Bar for Pull Side of Door



No. 3716D—Single Pull Bar With Drop Bar

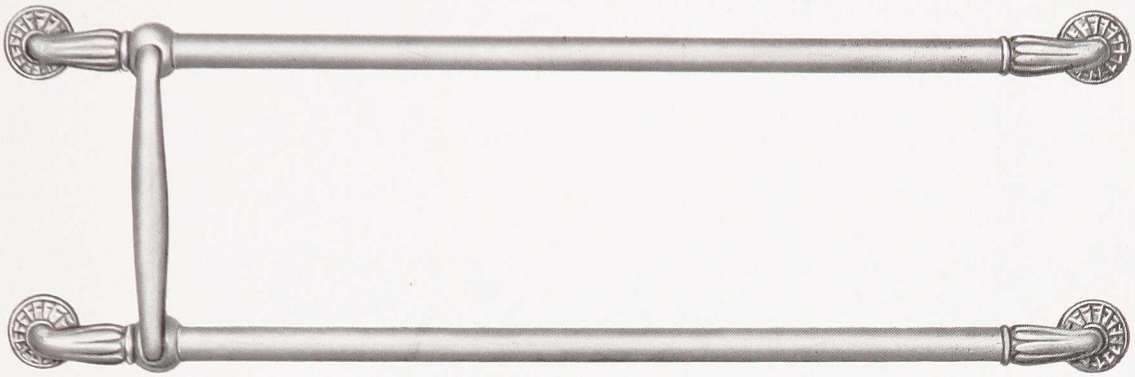
Drop Bar Same Length as Cross Bar Unless Otherwise Specified
Cut for Right Hand Reverse Door

No.	*Sq. Drawn Bronze Tubing			Cast Bronze Standards		
	Size In.	Projection In.	Clearance In.	Size In.	Projection In.	Clearance Under Grip, In.
3716	1	1½	½	2⅛x2⅛	1¾	.....
†3716D	1	1½	½	2⅛x2⅛	1¾	.....
3726	1	1½	½	2⅛x2⅛	1¾	1⅞
3736	1	1½	½	2⅛x2⅛	1¾	1⅞

No. 3716 is furnished with wood screws unless specified with through bolts.
Nos. 3716D and 3726 are furnished with 2 inch 12-24 FH bronze through bolts, unless otherwise specified.
*The square tubing has slightly rounded edges.
Specify length center to center and give thickness of door when through bolts are required.
†Specify length of drop bar.
Offset brackets for hinge side of door can be furnished, send drawing of door and jamb. Suffix ½ to number.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

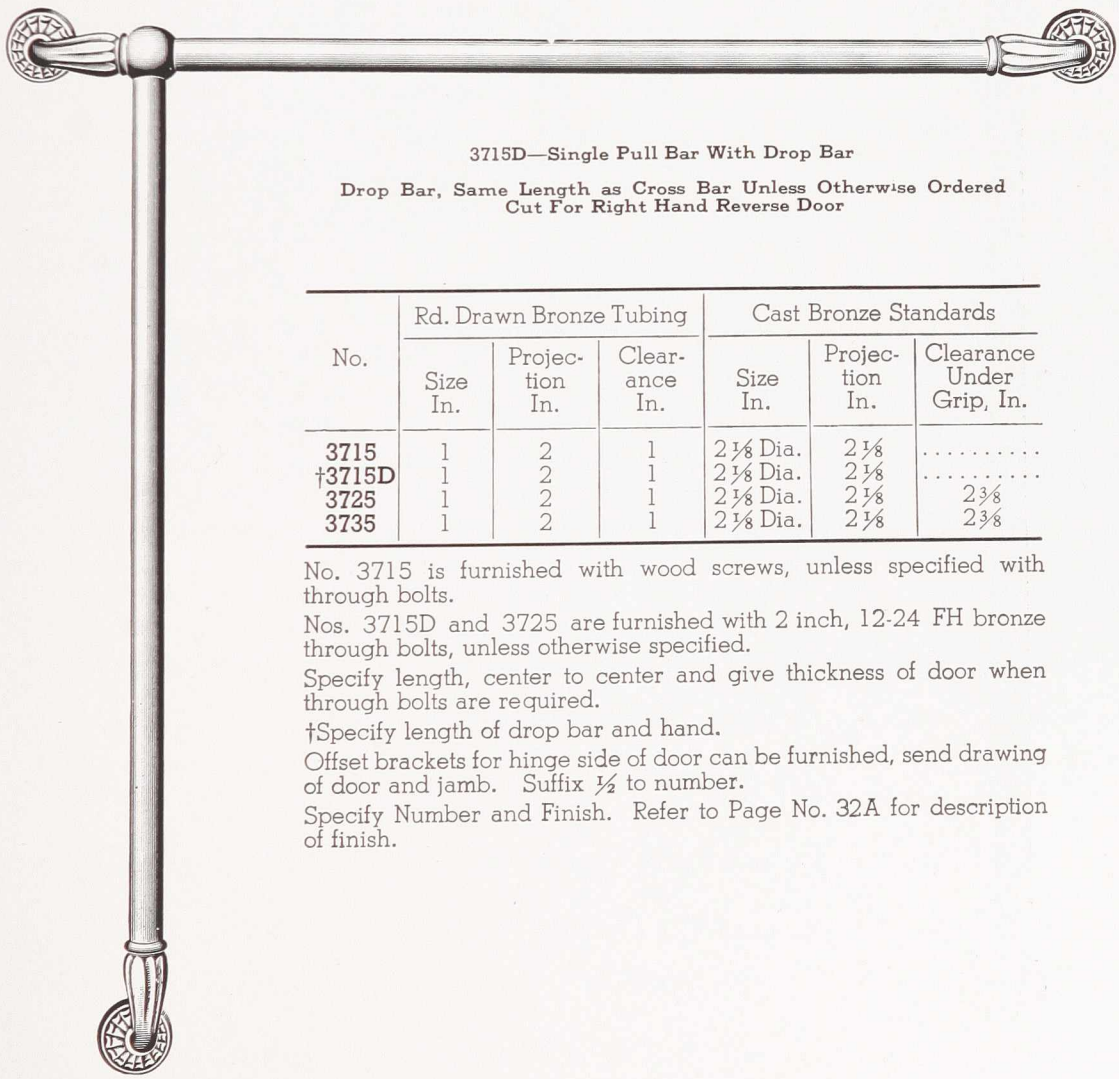
PUSH AND PULL BARS

No. 3715—Single Push Bar



No. 3725—Pull Bar—8 Inches Center to Center of Bars

No. 3735—Set Consisting of
Two, No. 3715 Push For Push Side of Door
One, No. 3725 Pull Bar For Pull Side of Door



3715D—Single Pull Bar With Drop Bar

Drop Bar, Same Length as Cross Bar Unless Otherwise Ordered
Cut For Right Hand Reverse Door

No.	Rd. Drawn Bronze Tubing			Cast Bronze Standards		
	Size In.	Projection In.	Clearance In.	Size In.	Projection In.	Clearance Under Grip, In.
3715	1	2	1	2⅛ Dia.	2⅛	.....
†3715D	1	2	1	2⅛ Dia.	2⅛	.....
3725	1	2	1	2⅛ Dia.	2⅛	2⅜
3735	1	2	1	2⅛ Dia.	2⅛	2⅜

No. 3715 is furnished with wood screws, unless specified with through bolts.

Nos. 3715D and 3725 are furnished with 2 inch, 12-24 FH bronze through bolts, unless otherwise specified.

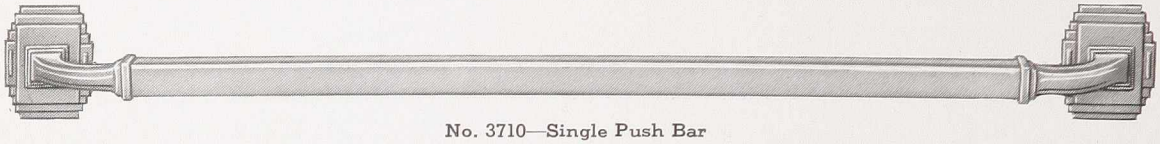
Specify length, center to center and give thickness of door when through bolts are required.

†Specify length of drop bar and hand.

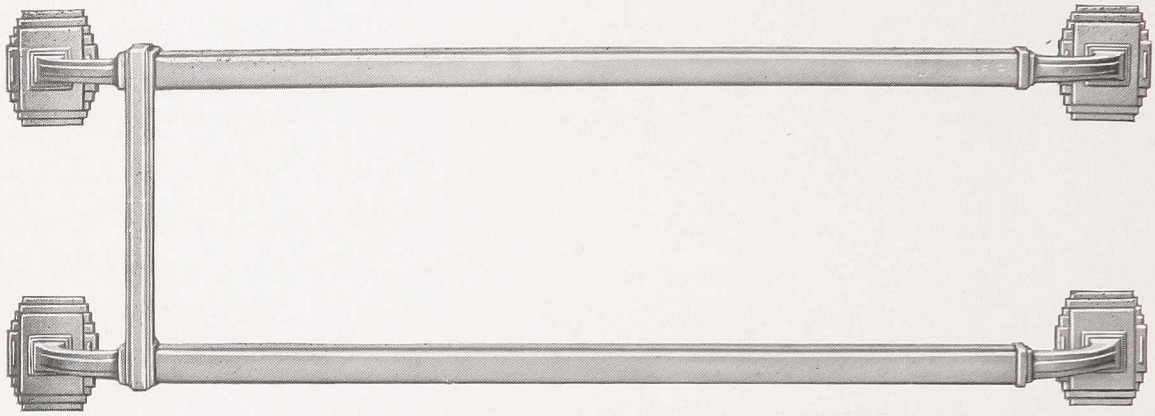
Offset brackets for hinge side of door can be furnished, send drawing of door and jamb. Suffix ½ to number.

Specify Number and Finish. Refer to Page No. 32A for description of finish.

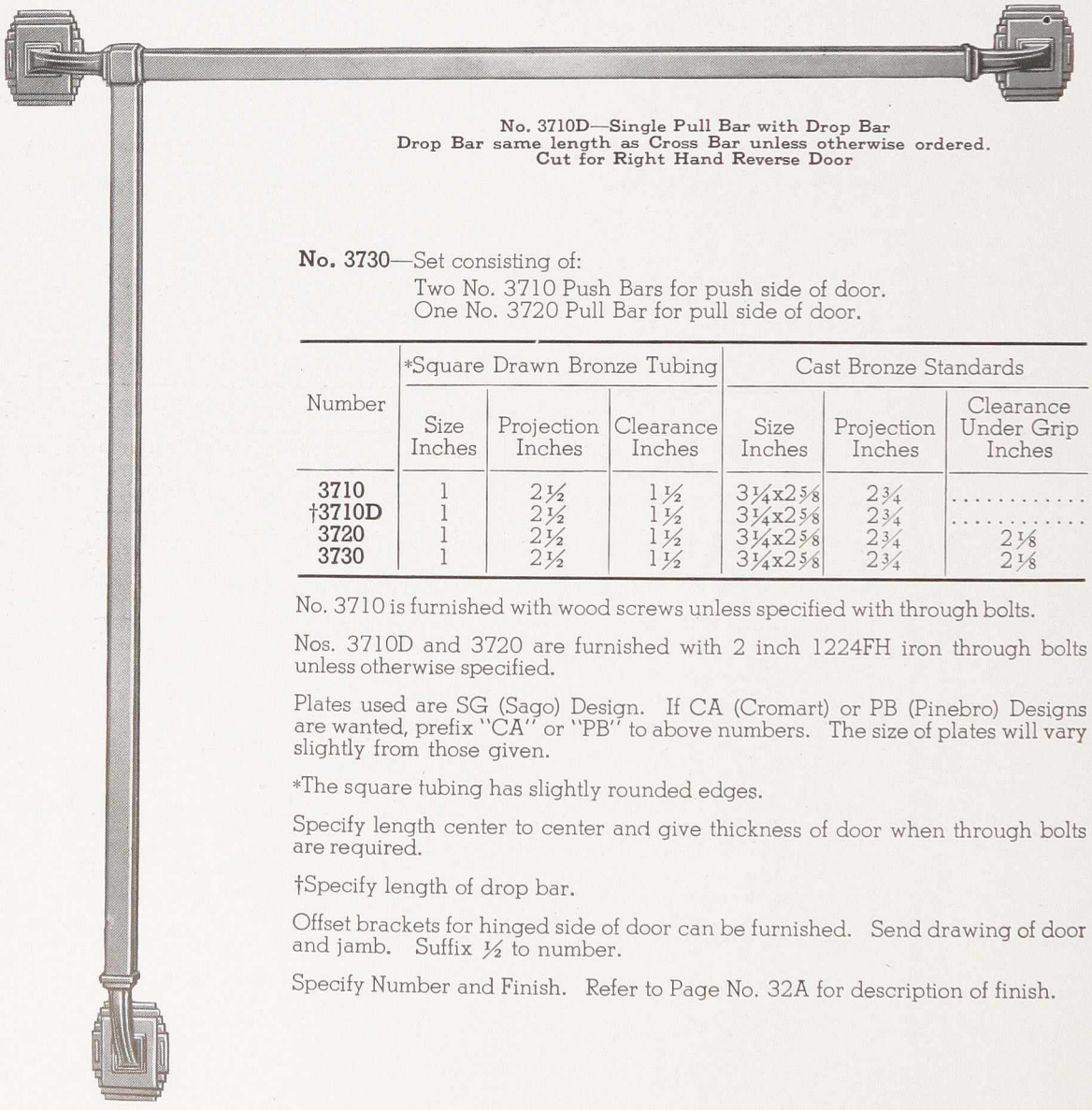
PUSH AND PULL BARS



No. 3710—Single Push Bar



No. 3720—Pull Bar—8″ Center to Center of Bars



No. 3710D—Single Pull Bar with Drop Bar
Drop Bar same length as Cross Bar unless otherwise ordered.
Cut for Right Hand Reverse Door

No. 3730—Set consisting of:
Two No. 3710 Push Bars for push side of door.
One No. 3720 Pull Bar for pull side of door.

Number	*Square Drawn Bronze Tubing			Cast Bronze Standards		
	Size Inches	Projection Inches	Clearance Inches	Size Inches	Projection Inches	Clearance Under Grip Inches
3710	1	2½	1½	3¼x2⅝	2¾	.....
†3710D	1	2½	1½	3¼x2⅝	2¾	.....
3720	1	2½	1½	3¼x2⅝	2¾	2⅛
3730	1	2½	1½	3¼x2⅝	2¾	2⅛

No. 3710 is furnished with wood screws unless specified with through bolts.

Nos. 3710D and 3720 are furnished with 2 inch 1224FH iron through bolts unless otherwise specified.

Plates used are SG (Sago) Design. If CA (Cromart) or PB (Pinebro) Designs are wanted, prefix "CA" or "PB" to above numbers. The size of plates will vary slightly from those given.

*The square tubing has slightly rounded edges.

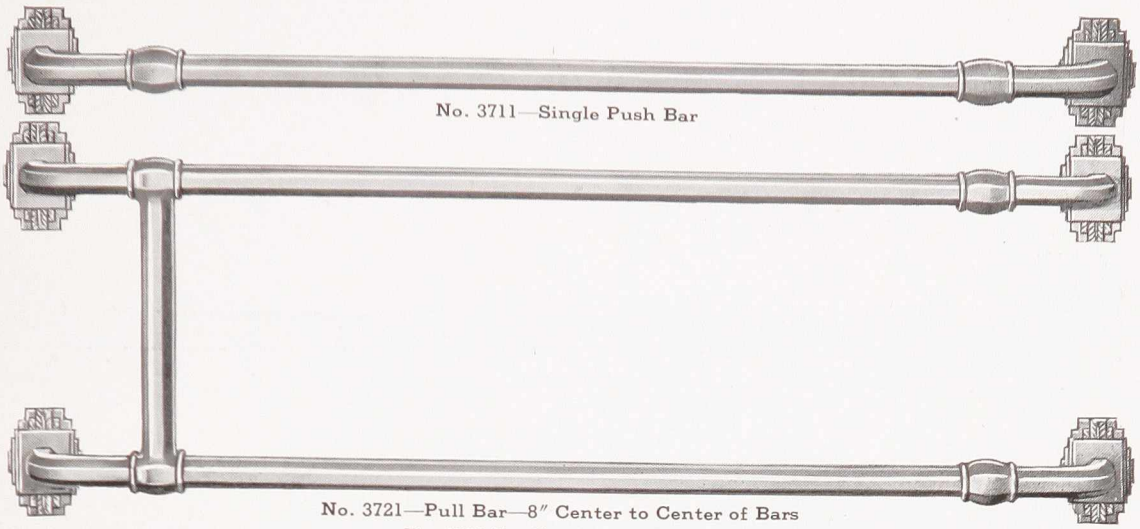
Specify length center to center and give thickness of door when through bolts are required.

†Specify length of drop bar.

Offset brackets for hinged side of door can be furnished. Send drawing of door and jamb. Suffix ½ to number.

Specify Number and Finish. Refer to Page No. 32A for description of finish.

PUSH AND PULL BARS



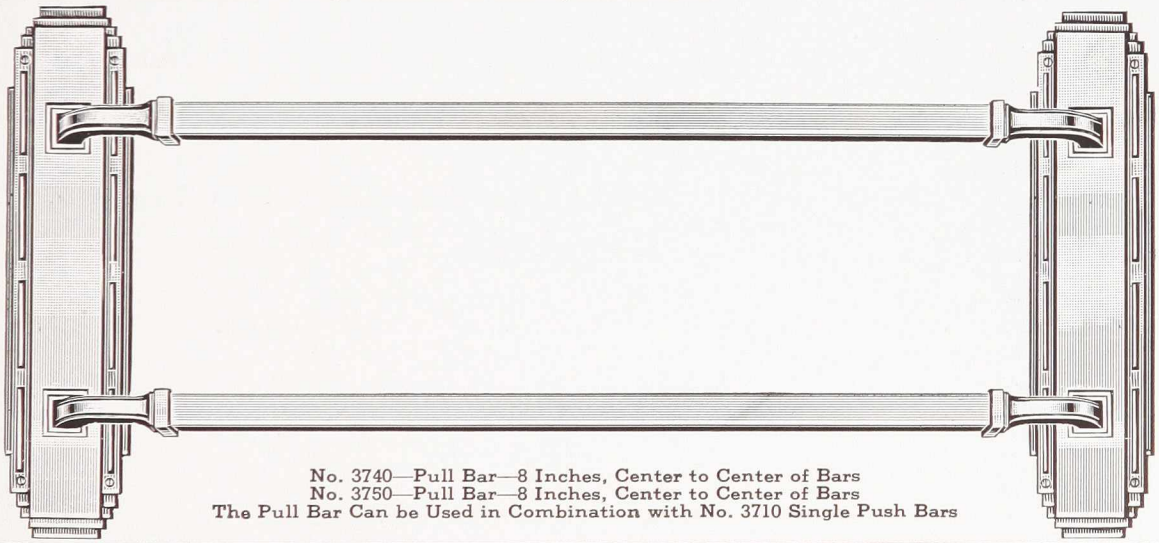
No. 3711—Single Push Bar

No. 3721—Pull Bar—8″ Center to Center of Bars

No. 3731 Set Consisting of:
Two No. 3711 Push Bar for Push Side of Door
One No. 3721 Pull Bar for Pull Side of Door

Number	Octagon Drawn Bronze Tubing			Cast Bronze Standards		
	Size Inches	Projection Inches	Clearance Inches	Size Inches	Projection Inches	Clearance Under Grip, Inches
3711	⅞	2¼	1⅜	3 x 2⅛	2⅜	.....
3721	⅞	2¼	1⅜	3 x 2⅛	2⅜	1⅜
3731	⅞	2¼	1⅜	3 x 2⅛	2⅜	1⅜

No. 3711 is furnished with wood screws, unless specified with through bolts.
No. 3721 is furnished with 2 inch, 12-24 FH iron through bolts, unless otherwise specified.
Plates used are, PB (Pinebro) design, if CA (Cromart) or SG (Sago) designs are wanted, prefix CA or SG to above numbers.
The size of the plates will vary slightly from those given.
Specify length, center to center and give thickness of door when through bolts are required.
Offset brackets for hinged side of door can be furnished, send drawing of door and jamb. Suffix ½ to number.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

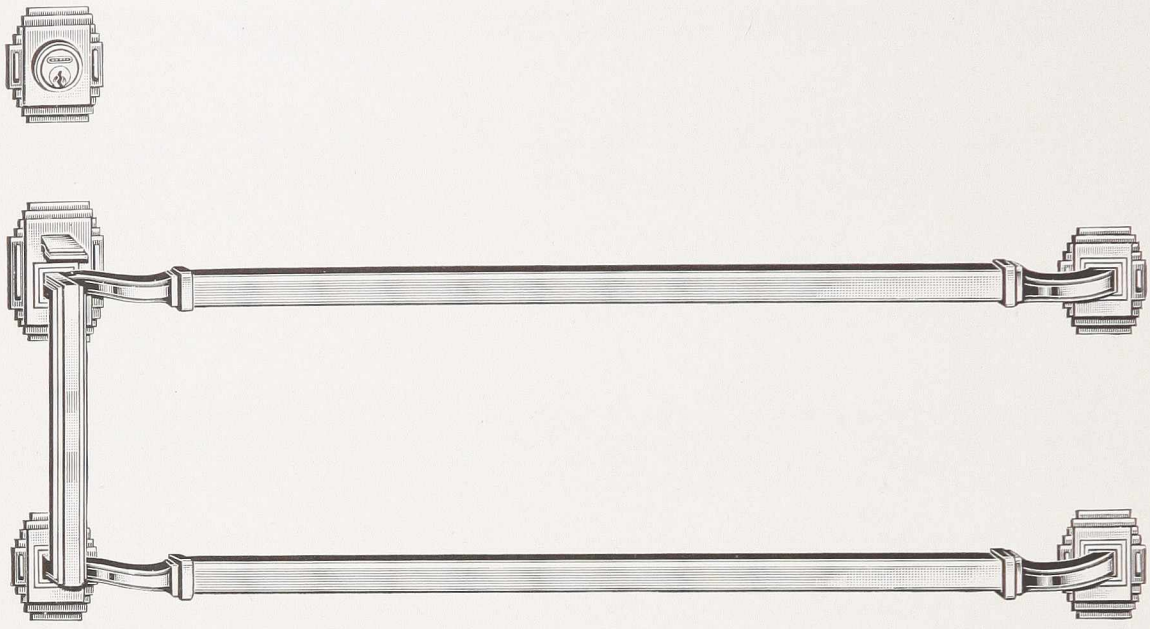


No. 3740—Pull Bar—8 Inches, Center to Center of Bars
No. 3750—Pull Bar—8 Inches, Center to Center of Bars
The Pull Bar Can be Used in Combination with No. 3710 Single Push Bars

Number	Square Drawn Bronze Tubing			Cast Bronze Standard and Plates		
	Size Inches	Projection Inches	Clearance Inches	Size Inches	Projection Inches	Clearance Under Grip, Inches
3740	1	2½	1½	15 x 3½	2¾	2⅛
3750	1	2½	1½	15 x 3½	2¾	2⅛

No. 3740 is furnished with wood screws, unless specified with through bolts.
No. 3750 is furnished with 2 inch, 12-24 FH iron through bolts, unless otherwise specified.
Plates used are, SG (Sago) design. Plates from other designs can be substituted.
Specify length, center to center and give thickness of door if through bolts are required.
Offset brackets for hinged side of door can be furnished, send drawing of door and jamb. Suffix ½ to number.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

PUSH AND PULL BAR LOCKSET



No. SG93591 x 3720—Lockset with Bars on One Side of Door
No. SG94591 x 3720—Lockset with Bars on Both Sides of Door

Number	Lock Number *	Page	Grip Number	Cylinder Plate Inches	Thumb-piece Plate Inches	Lower Plate Inches	Bars		Projection Inches
							Number	Plates Inches	
SG93591 x 3720	591	.....	SG3992	3¼ x 2⅝	4 x 2⅝	3 x 2¼	3720	3¼ x 2⅝	2¾
SG94591 x 3720	591	.....	SG3992	3¼ x 2⅝	4 x 2⅝	3 x 2¼	3720	3¼ x 2⅝	2¾

SG93591 x 3720 set has lockset handle with bars on one side of door and lockset handle only on opposite side of door.

SG94591 x 3720 set has lockset handle with bars on both sides of door. Outside handle and bars furnished with 2 inch, 12-24 FH iron through bolts, inside handle and bars with wood screws.

Plates used are SG (Sago) design if CA (Cromart) or PB (Pinebro) designs are wanted, suffix CA or PB to above numbers instead of SB. The sizes of plates will vary slightly from those given.

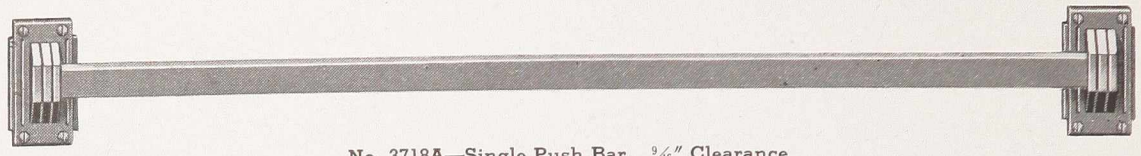
Specify length, center to center and give thickness of door.

Offset brackets for hinged side of door can be furnished, send drawing of door and jamb. Suffix ½ to number.

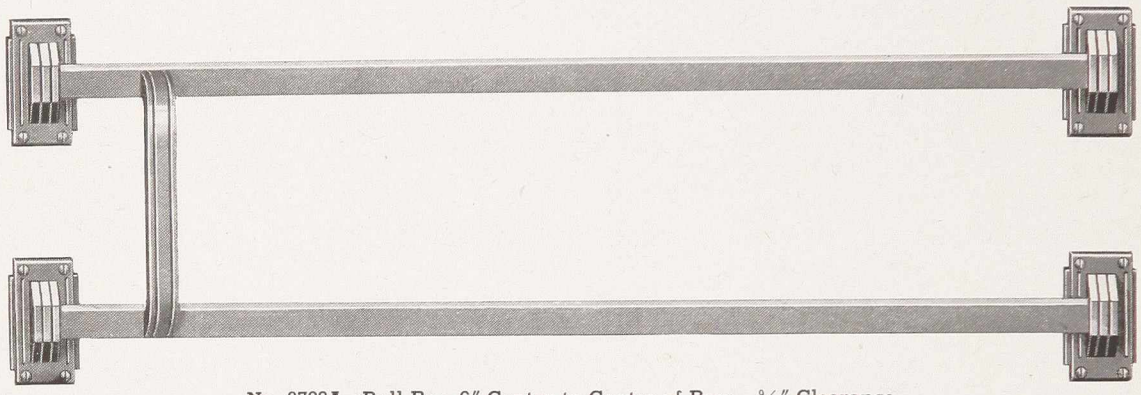
*Lock has hold back feature so door can be used as push and pull.

Specify Number and Finish. Refer to Page No. 32A for description of finish.

PUSH AND PULL BARS



No. 3718A—Single Push Bar, 9/16" Clearance
No. 3718B—Single Push Bar, 1" Clearance
No. 3718C—Single Push Bar, 1½" Clearance



No. 3728A—Pull Bar, 6" Center to Center of Bars, 9/16" Clearance
No. 3728B—Pull Bar, 6" Center to Center of Bars, 1" Clearance
No. 3728C—Pull Bar, 6" Center to Center of Bars, 1½" Clearance

Number	Square Wrought Bronze Tubing			Cast Bronze Standards		
	Diameter Inches	Projection Inches	**Clearance Inches	Diameter of Base Inches	Projection Inches	*Clearance Under Grip, In.
3718A	¾	1 5/16	9/16	3 5/16 x 1 7/8	1½	. . .
†**3718B**	¾	1¾	1	3 5/16 x 1 7/8	2	. . .
3718C	¾	2¼	1½	3 5/16 x 1 7/8	2½	. . .
3728A	¾	1 5/16	9/16	3 5/16 x 1 7/8	1½	1 7/8
†**3728B**	¾	1¾	1	3 5/16 x 1 7/8	2	2½
3728C	¾	2¼	1½	3 5/16 x 1 7/8	2½	2 7/8

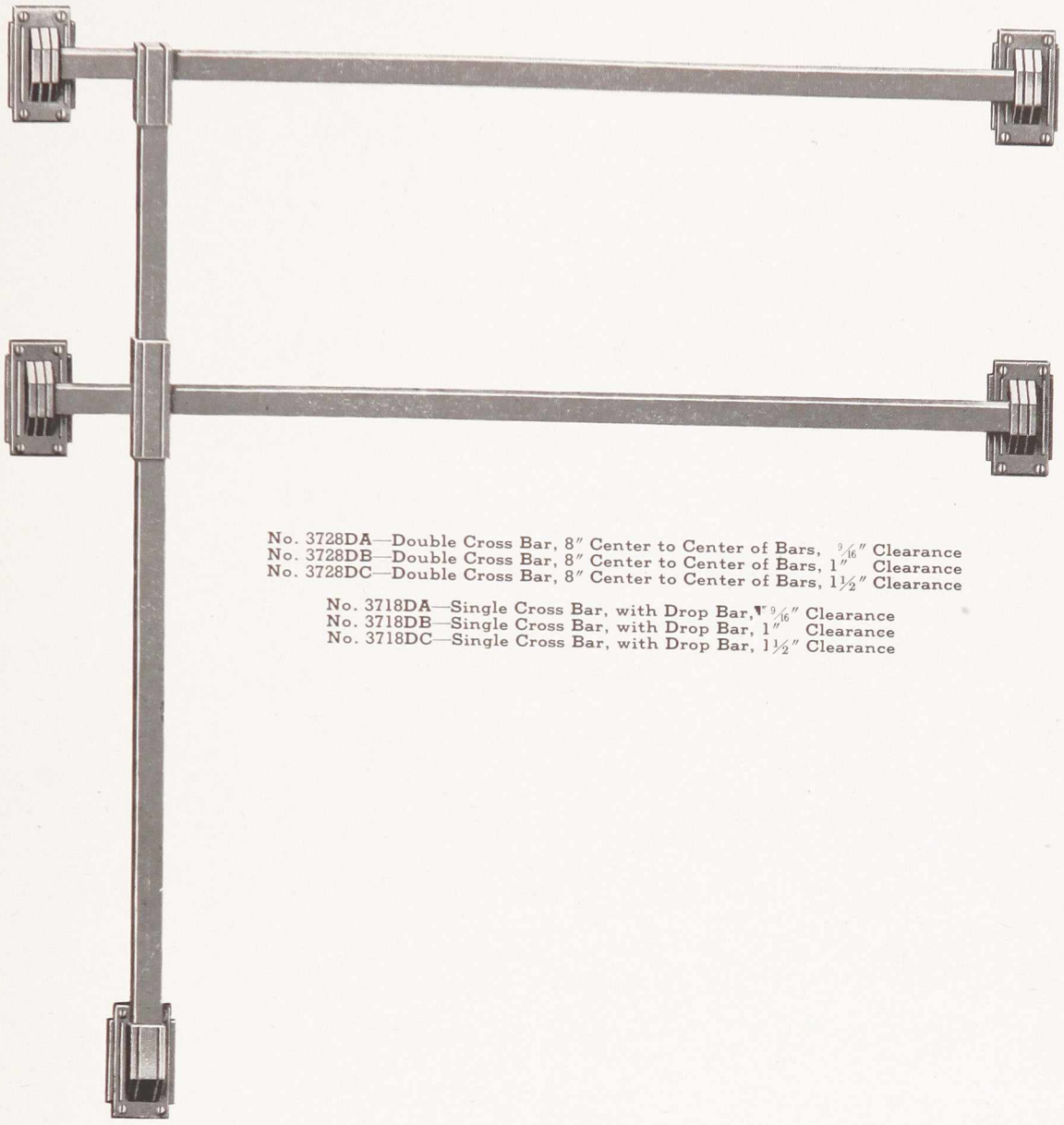
*Projection of grip—No. 3728A—2 5/16 inches, No. 3728B—2 7/8 inches, No. 3828C—3¼ inches.

†Stock length 36 inches, by 1 inch clearance, packed one in a paper wrapping, knocked down, making it possible to furnish any length up to 36 inches by cutting tubing. Longer lengths furnished on special order only. **Brackets for 9/16 inch and 1½ inch clearance on special order only and at additional charge.

Furnished with wood screws and 2½ inch, 12-24 F. H. bronze through bolts and finishing washers.

Specify Number and Finish. Refer to Page No. 32A for description of finishes.

PUSH AND PULL BARS



No. 3728DA—Double Cross Bar, 8″ Center to Center of Bars, 9/16″ Clearance
No. 3728DB—Double Cross Bar, 8″ Center to Center of Bars, 1″ Clearance
No. 3728DC—Double Cross Bar, 8″ Center to Center of Bars, 1½″ Clearance

No. 3718DA—Single Cross Bar, with Drop Bar, 9/16″ Clearance
No. 3718DB—Single Cross Bar, with Drop Bar, 1″ Clearance
No. 3718DC—Single Cross Bar, with Drop Bar, 1½″ Clearance

Number	Square Wrought Bronze Tubing			Cast Bronze Standards		
	Diameter Inches	Projection Inches	**Clearance Inches	Diameter of Base Inches	Projection Inches	Clearance Under Grip, In.
*3718DA	¾	1 5/16	9/16	3 5/16 x 1 7/8	1½	. . .
†*3718DB	¾	1¾	1	3 5/16 x 1 7/8	2	. . .
*3718DC	¾	2¼	1½	3 5/16 x 1 7/8	2½	. . .
3728DA	¾	1 5/16	9/16	3 5/16 x 1 7/8	1½	9/16
†3728DB	¾	1¾	1	3 5/16 x 1 7/8	2	1
3728DC	¾	2¼	1½	3 5/16 x 1 7/8	2½	1½

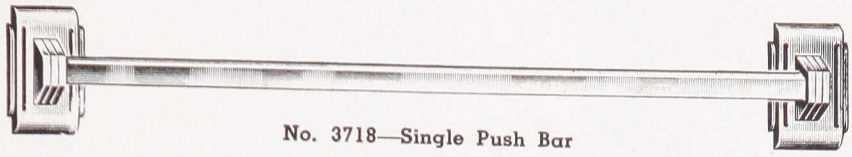
†Stock length 36 inches center to center, by 1 inch clearance packed one in a paper wrapping, knocked down, making it possible to furnish any length up to 36 inches by cutting tubing. Longer lengths furnished on special order only. **Brackets for 9/16 inch and 1½ inch clearance on special order only and at an additional charge.

*Have single cross bar at top with drop bar same length as cross bar.

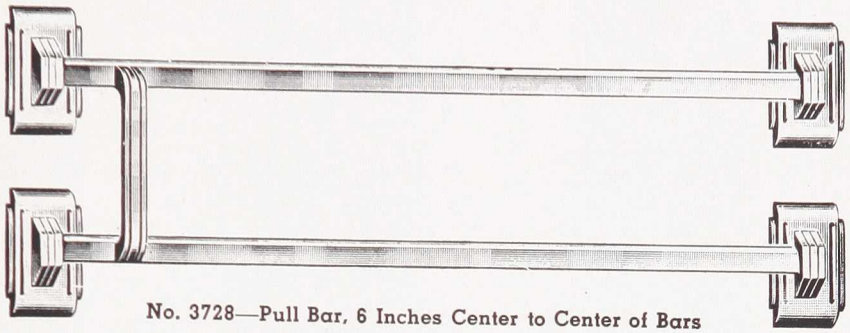
Furnished with wood screws and 2½ inch, 12-24 F. H. bronze through bolts and finishing washers.

Specify Number and Finish. Refer to Page No. 32A for description of finishes.

PUSH AND PULL BARS

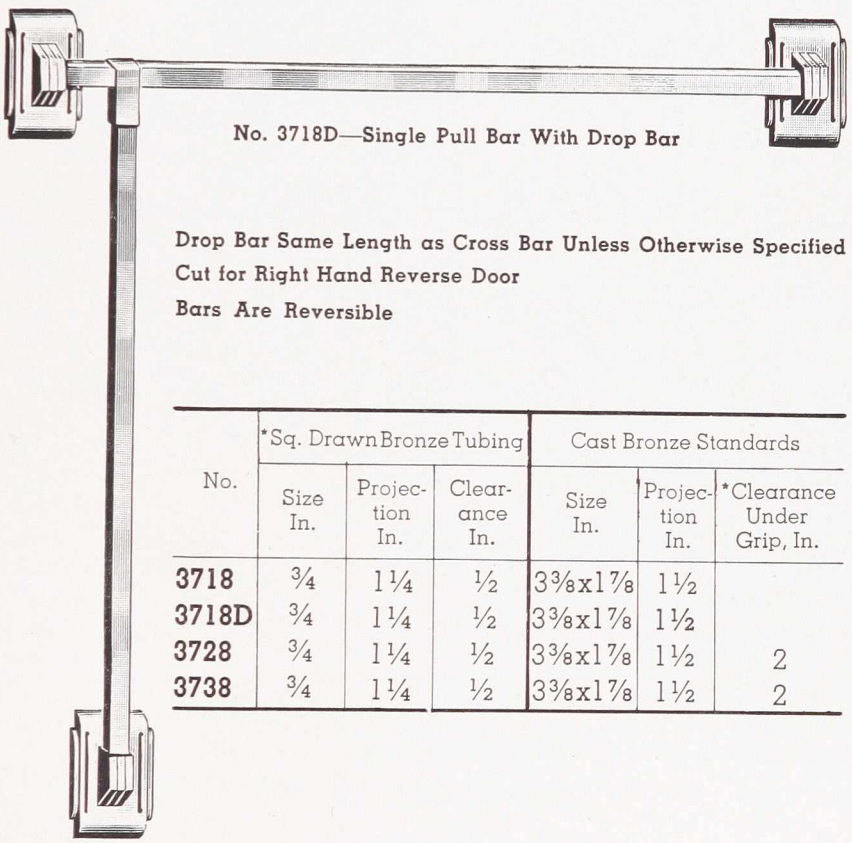


No. 3718—Single Push Bar



No. 3728—Pull Bar, 6 Inches Center to Center of Bars

No. 3738—Set Containing
Two, No. 3718 Push Bar for Push Side of Door
One, No. 3728 Pull Bar for Pull Side of Door



No. 3718D—Single Pull Bar With Drop Bar

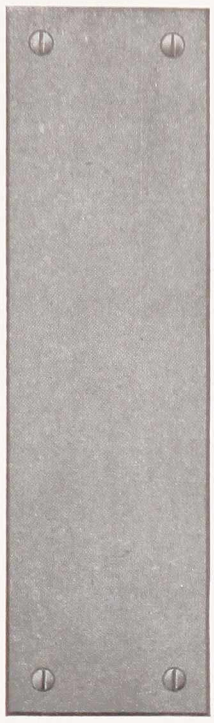
Drop Bar Same Length as Cross Bar Unless Otherwise Specified
Cut for Right Hand Reverse Door
Bars Are Reversible

No.	*Sq. Drawn Bronze Tubing			Cast Bronze Standards		
	Size In.	Projection In.	Clearance In.	Size In.	Projection In.	*Clearance Under Grip, In.
3718	¾	1¼	½	3⅜x1⅞	1½	
3718D	¾	1¼	½	3⅜x1⅞	1½	
3728	¾	1¼	½	3⅜x1⅞	1½	2
3738	¾	1¼	½	3⅜x1⅞	1½	2

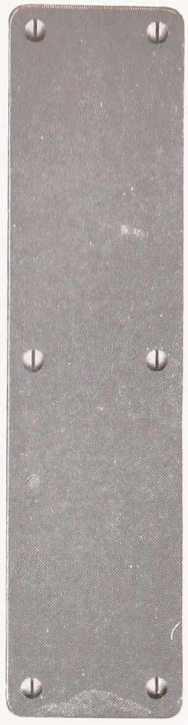
No. 3718 is furnished with wood screws unless specified with through bolts.
Nos. 3718D and 3728 are furnished with 2 inch 12-24 FH iron through bolts, unless otherwise specified.
*The square tubing has slightly rounded edges.
*Projection of grip 2½ inches.
Stock lengths of 36 inches, center to center.
Packed one in a paper wrapping, knocked down, making it possible to furnish any length
Bar by cutting tubing. Longer lengths on special order only.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

PUSH PLATES

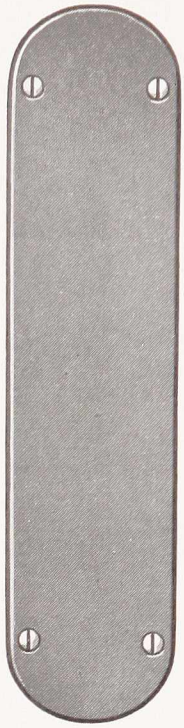
No. AW3690
No. AW03690
Atwood Design



No. 3654
Solid Wrought



No. 3656
Solid Wrought



No. 3658
Solid Wrought

WROUGHT BRONZE, BRASS OR STEEL

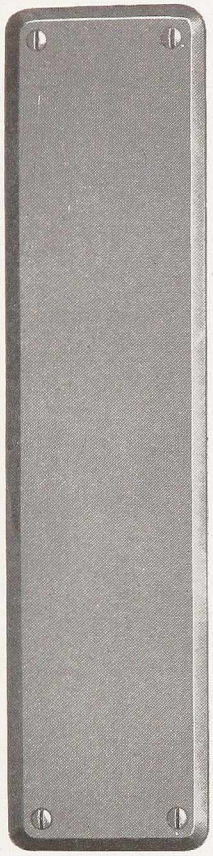
Number	Size Inches	Material	Number	Number	Number	Size Inches	Material
AW3690	10 x2¾	Wrought Bronze	3654	3656	3658	10x3	Wrought Bronze
AW3690	12 x3	Wrought Bronze	3654	3656	3658	12x3	Wrought Bronze
AW3690	14½x3⅛	Wrought Bronze	3654	3656	3658	12x3½	Wrought Bronze
AW03690	10 x2¾	Wrought Steel	3654	3656	3658	15x3	Wrought Bronze
AW03690	12 x3	Wrought Steel	3654	3656	3658	15x3½	Wrought Bronze
AW03690	14½x3⅛	Wrought Steel	3654	3656	3658	16x3½	Wrought Bronze
			3654	3656	3658	16x4	Wrought Bronze
			3654	3656	3658	18x3½	Wrought Bronze
			3654	3656	3658	18x4	Wrought Bronze
			3654	3656	3658	20x4	Wrought Bronze
			3654	3656	3658	24x4	Wrought Bronze

Packed 6 in a box, with screws.

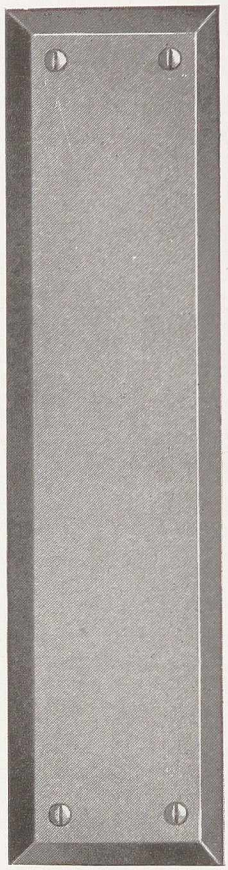
If plates are to be cut for cylinderlocks, the distance will be two inches from top of plate to center of opening, unless otherwise specified.

Specify Number, Size and Finish. Refer to Page No. 32A for description of finish.

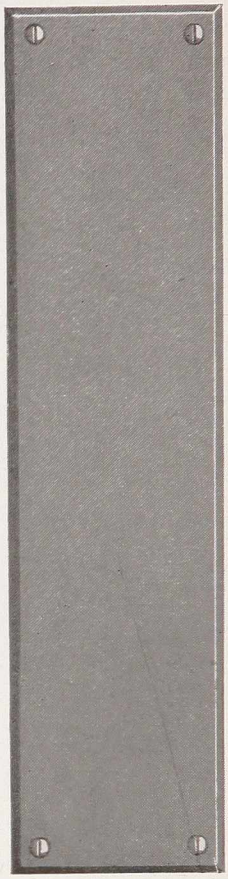
PUSH PLATES



No. PC3690
Prescott Design



No. CE3690
Cuesta Design



No. PR3690
Peru Design

CAST BRONZE OR BRASS

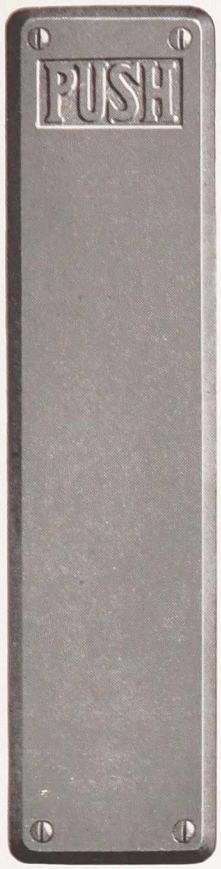
Number	Number	Number	Size, Inches	Material
PC3690	CE3690	PR3690	10x3	Cast Bronze
PC3690	CE3690	PR3690	12x3	Cast Bronze
PC3690	CE3690	PR3690	12x3½	Cast Bronze
PC3690	CE3690	PR3690	15x3	Cast Bronze
PC3690	CE3690	PR3690	15x3½	Cast Bronze
PC3690	CE3690	PR3690	16x3½	Cast Bronze
PC3690	CE3690	PR3690	16x4	Cast Bronze
PC3690	CE3690	PR3690	18x3½	Cast Bronze
PC3690	CE3690	PR3690	18x4	Cast Bronze
PC3690	CE3690	PR3690	20x4	Cast Bronze
PC3690	CE3690	PR3690	24x4	Cast Bronze

Packed 2 in a box, with screws.

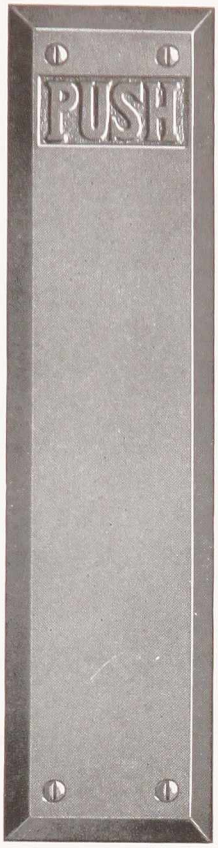
If plates are to be cut for cylinder locks, the distance will be two inches from top of plate to center of opening, unless otherwise specified. Location of bit key locks must be specified.

Specify Number, Size and Finish. Refer to Page No. 32A for description of finish.

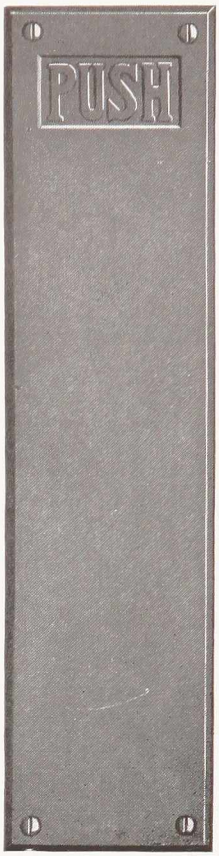
PUSH PLATES



No. PC3690P
Prescott Design



No. CE3690P
Cuesta Design



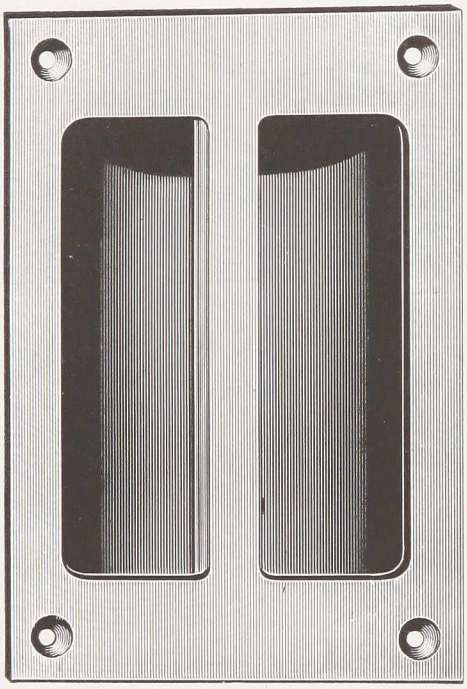
No. PR3690P
Peru Design

CAST BRONZE OR BRASS

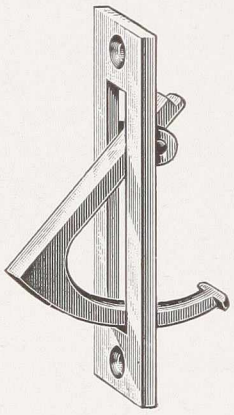
Number	Number	Number	Size Inches	Material
PC3690P	CE3690P	PR3690P	10x3	Cast Bronze
PC3690P	CE3690P	PR3690P	12x3	Cast Bronze
PC3690P	CE3690P	PR3690P	12x3½	Cast Bronze
PC3690P	CE3690P	PR3690P	15x3	Cast Bronze
PC3690P	CE3690P	PR3690P	15x3½	Cast Bronze
PC3690P	CE3690P	PR3690P	16x3½	Cast Bronze
PC3690P	CE3690P	PR3690P	16x4	Cast Bronze
PC3690P	CE3690P	PR3690P	18x3½	Cast Bronze
PC3690P	CE3690P	PR3690P	18x4	Cast Bronze
PC3690P	CE3690P	PR3690P	20x4	Cast Bronze
PC3690P	CE3690P	PR3690P	24x4	Cast Bronze

Packed 2 in a box, with screws.
Specify Number, Size and Finish. Refer to Page No. 32A for description of finish.

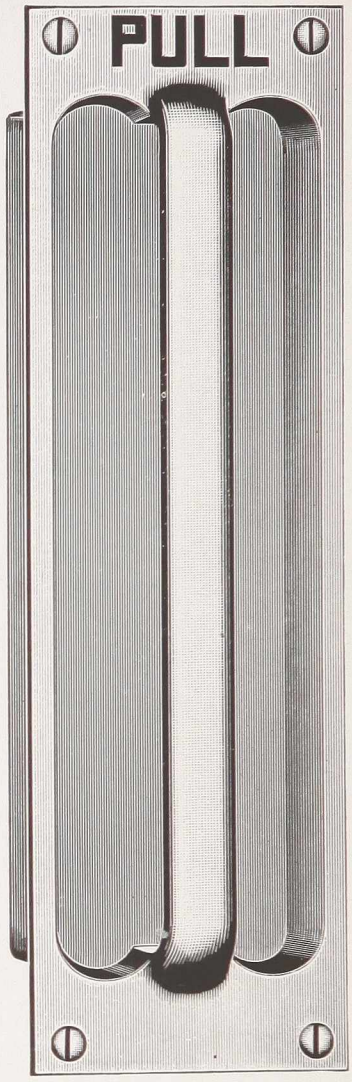
FLUSH DOOR PULLS



No. 3846
No. 03846
Type No. 3845
Type No. 03845



No. 3840
No. 03840



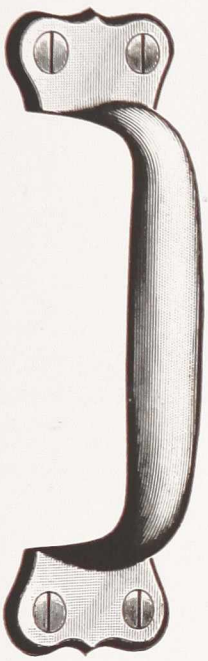
No. 3857

Number	Plate, Inches	Cup		Material
		Size, Inches	Depth, Inches	
3840	4½x1 1/16	.....	.....	Cast Bronze
03840	4½x1 1/16	.....	.....	Cast Iron
3845	5 x3⅞	2¾x2¾	1	Cast Bronze
03845	5 x3⅞	2¾x2¾	1	Cast Iron
3846	6½x4½	4⅜x3⅜	1¼	Cast Bronze
03846	6½x4½	4⅜x3⅜	1¼	Cast Iron
3857	10 x3	8¼x2½	15/16	Cast Bronze

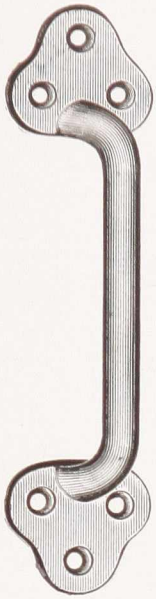
Packed—No. 3840, 12 in a box; Nos. 3845 and 3846, 6 in a box; No. 3857, 1 in a box.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

DOOR PULLS

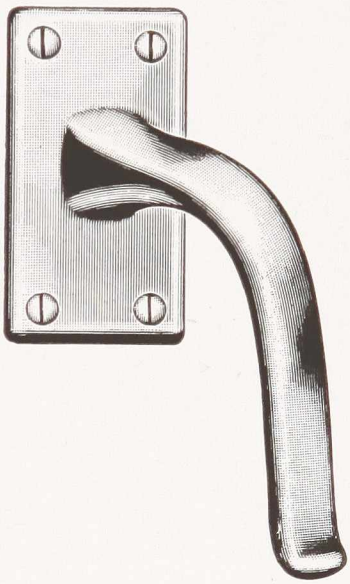
No. 3803



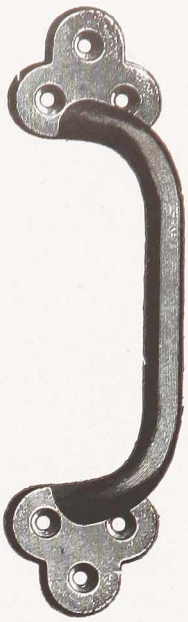
No. 3806
No. 03806



No. 3804



No. 3820

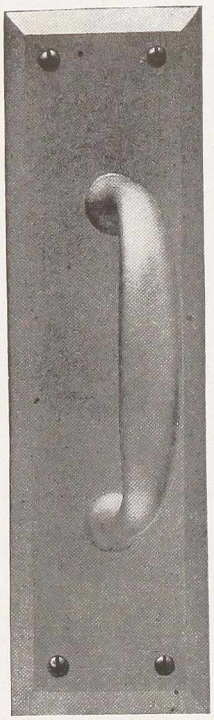


No. 3805

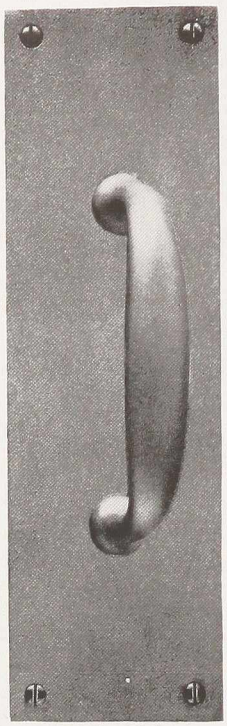
Number	Length Inches	*Width Inches	Width of Base Inches	Projection Inches	Clearance Inches	Material
3803	4 3/4	1/2	3/4	1 1/8	15/16	Cast Bronze
3804	5 1/2	5/16	1 5/16	1 7/16	1 1/4	Cast Bronze
3805	5 3/4	5/8	1 1/2	1 5/8	1 1/4	Cast Bronze
3806	6	3/4	1 3/4	1 5/8	1 5/16	Cast Bronze
03806	6	3/4	1 3/4	1 5/8	1 5/16	Cast Iron
3820	5 1/4	3/4	1 5/8	4	3 3/8	Cast Bronze

*Measurement given is the maximum face width of pull, not of the base.
Packing—Nos. 3803, 12 in a box. Nos. 3804, 3805, 3806, 3820, 6 in a box with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

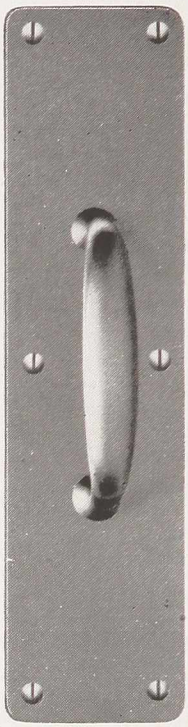
DOOR PULLS



No. AW3890
No. AW03890
Atwood Design



No. 3854
Solid Wrought



No. 3856
Solid Wrought

No. 3858
Solid Wrought

WROUGHT BRONZE, BRASS OR STEEL PLATES, CAST GRIPS

Number	Plate Size Inches	Grip No.	Material	Number	Plate Size Inches	Grip No.	Material
AW3890	10x2¾	3901	Wrought Bronze	**3856**	15x3	3903	Wrought Bronze
AW3890	12x3	3902	Wrought Bronze	**3856**	15x3½	3903	Wrought Bronze
AW3890	14½x3⅛	3902	Wrought Bronze	**3856**	16x3½	3903A	Wrought Bronze
AW03890	10x2¾	03901	Wrought Steel	**3856**	16x4	3903A	Wrought Bronze
AW03890	12x3	03902	Wrought Steel	**3856**	18x3½	3903B	Wrought Bronze
AW03890	14½x3⅛	03902	Wrought Steel	**3856**	18x4	3903B	Wrought Bronze
3854	10x3	3901	Wrought Bronze	**3856**	20x4	3904	Wrought Bronze
3854	12x3	3902	Wrought Bronze	**3856**	24x4	3904	Wrought Bronze
3854	12x3½	3902	Wrought Bronze	**3858**	10x3	3901	Wrought Bronze
3854	15x3	3903	Wrought Bronze	**3858**	12x3	3902	Wrought Bronze
3854	15x3½	3903	Wrought Bronze	**3858**	12x3½	3902	Wrought Bronze
3854	16x3½	3903A	Wrought Bronze	**3858**	15x3	3903	Wrought Bronze
3854	16x4	3903A	Wrought Bronze	**3858**	15x3½	3903	Wrought Bronze
3854	18x3½	3903B	Wrought Bronze	**3858**	16x3½	3903A	Wrought Bronze
3854	18x4	3903B	Wrought Bronze	**3858**	16x4	3903A	Wrought Bronze
3854	20x4	3904	Wrought Bronze	**3858**	18x3½	3903B	Wrought Bronze
3854	24x4	3904	Wrought Bronze	**3858**	18x4	3903B	Wrought Bronze
3856	10x3	3901	Wrought Bronze	**3858**	20x4	3904	Wrought Bronze
3856	12x3	3902	Wrought Bronze	**3858**	24x4	3904	Wrought Bronze
3856	12x3½	3902	Wrought Bronze				

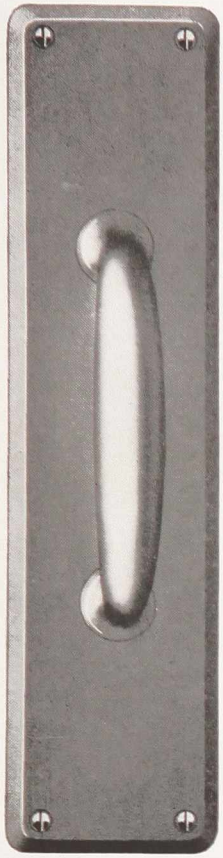
Packed 1/6 dozen in a box, with screws.

Specify Size.

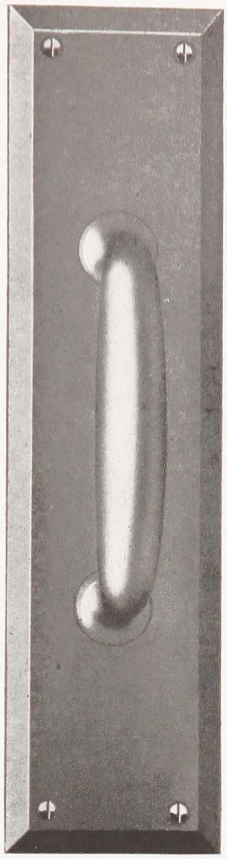
Plates ordered cut for cylinder lock will be cut two inches from top of plate to center of opening, unless otherwise specified Location of bit key locks must be specified.

Specify Number, Size and Finish. Refer to Page No. 32A for description of finish.

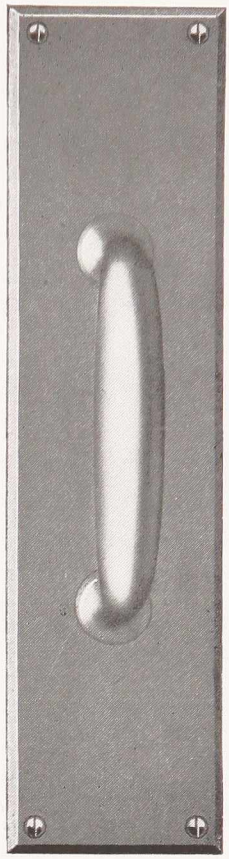
DOOR PULLS



No. PC3890
Prescott Design



No. CE3890
Cuesta Design



No. PR3890
Peru Design

CAST BRONZE OR BRASS

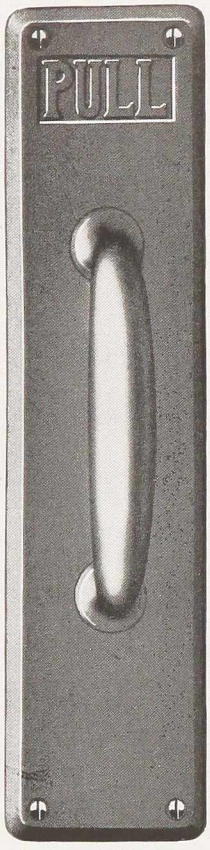
Number	Number	Number	Size Inches	Grip Number	Material
PC3890	**CE3890**	**PR3890**	10x3	3901	Cast Bronze
PC3890	**CE3890**	**PR3890**	12x3	3902	Cast Bronze
PC3890	**CE3890**	**PR3890**	12x3½	3902	Cast Bronze
PC3890	**CE3890**	**PR3890**	15x3	3903	Cast Bronze
PC3890	**CE3890**	**PR3890**	15x3½	3903	Cast Bronze
PC3890	**CE3890**	**PR3890**	16x3½	3903A	Cast Bronze
PC3890	**CE3890**	**PR3890**	16x4	3903A	Cast Bronze
PC3890	**CE3890**	**PR3890**	18x3½	3903B	Cast Bronze
PC3890	**CE3890**	**PR3890**	18x4	3903B	Cast Bronze
PC3890	**CE3890**	**PR3890**	20x4	3904	Cast Bronze
PC3890	**CE3890**	**PR3890**	24x4	3904	Cast Bronze

Plates ordered cut for cylinder locks will be cut two inches from top of plate to center of opening, unless otherwise specified. Location of bit key locks must be specified.

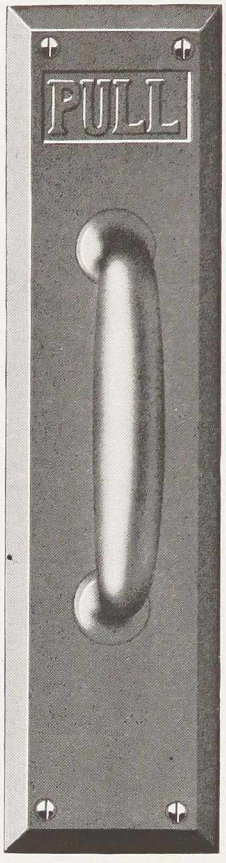
Packed 2 in a box, with screws.

Specify Number, Size and Finish. Refer to Page No. 32A for description of finish.

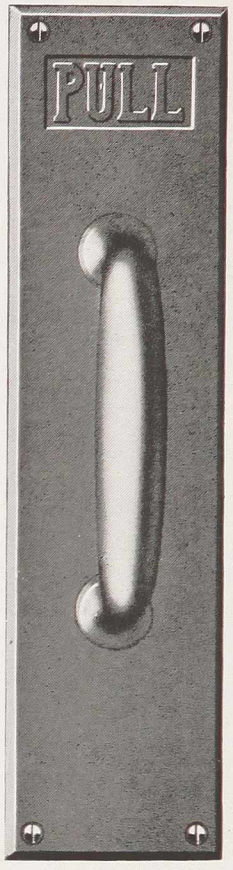
DOOR PULLS



No. PC3890P
Prescott Design



No. CE3890P
Cuesta Design



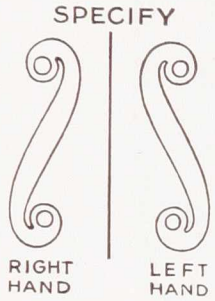
No. PR3890P
Peru Design

CAST BRONZE OR BRASS

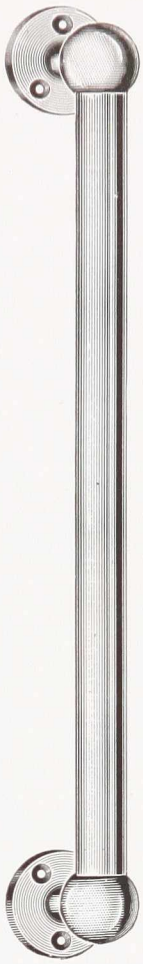
Number	Number	Number	Size Inches	Grip Number	Material
PC3890P	**CE3890P**	**PR3890P**	10x3	3901	Cast Bronze
PC3890P	**CE3890P**	**PR3890P**	12x3	3902	Cast Bronze
PC3890P	**CE3890P**	**PR3890P**	12x3½	3902	Cast Bronze
PC3890P	**CE3890P**	**PR3890P**	15x3	3903	Cast Bronze
PC3890P	**CE3890P**	**PR3890P**	15x3½	3903	Cast Bronze
PC3890P	**CE3890P**	**PR3890P**	16x3½	3903A	Cast Bronze
PC3890P	**CE3890P**	**PR3890P**	16x4	3903A	Cast Bronze
PC3890P	**CE3890P**	**PR3890P**	18x3½	3903B	Cast Bronze
PC3890P	**CE3890P**	**PR3890P**	18x4	3903B	Cast Bronze
PC3890P	**CE3890P**	**PR3890P**	20x4	3904	Cast Bronze
PC3890P	**CE3890P**	**PR3890P**	24x4	3904	Cast Bronze

Packed 2 in a box, with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

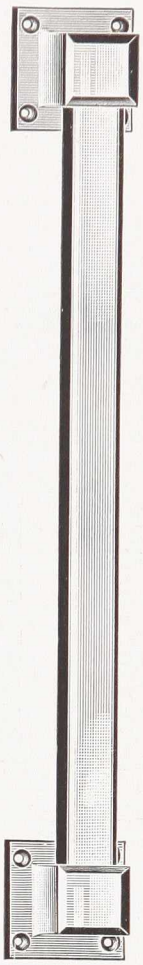
DOOR PULLS



No. 3819A
Type Nos. 3819B, 3819C
Specify Hand Wanted



No. 3835
No. 3836

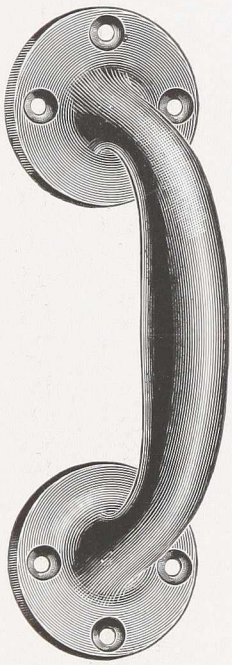


No. 3837

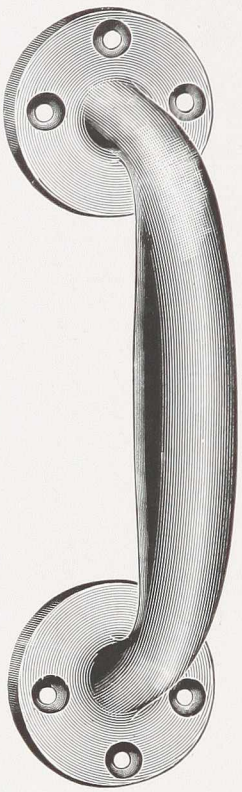
Number	Length Inches	*Width Inches	Centers Inches	Projection Inches	Clearance Inches	Material
3819A	9	1	7 1/2	2 1/8	1 1/4	Cast Bronze
3819B	10	1	8 1/2	2 1/4	1 7/16	Cast Bronze
3819C	10	1	8 1/2	2 1/4	1 7/16	Cast Bronze
†3835	9 1/4	7/8	5 1/2	2 1/8	1 1/4	Cast Bronze
†3836	10 3/4	7/8	7	2 1/8	1 1/4	Cast Bronze
3837	13 1/4	3/4	11 3/8	2 9/16	1 5/8	Cast Bronze

Packed in a box, with screws.
Packing—No. 3919, 2 in a box.
*Measurement given is the maximum face width of pull, not of the base.
Nos. 3919 series furnished right or left hand. State thickness of doors.
Nos. 3919A and 3919B furnished with machine screws through door.
No. 3919C furnished with through bolts for pulls on both sides of door.
†Nos. 3835 and 3836, Cast Bronze balls, 1 3/16 inches diameter by 7/8 inch high. Drawn seamless tubing, 7/8 inch diameter. Special lengths made to order.
No. 3837, Cast Bronze ends, base, 2x2 inches by 3/4 inch square drawn, seamless tubing. Special lengths to order.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

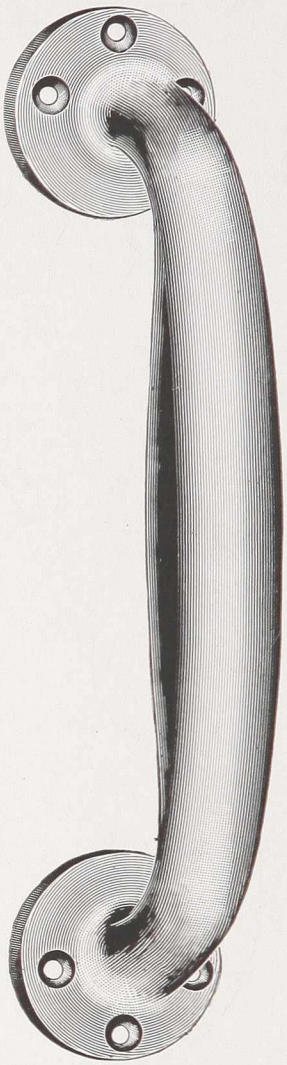
DOOR PULLS



No. 3821
No. 03821
Type No. 3821½
Type No. 03821½



No. 3822
No. 03822
Type No. 3822½
Type No. 03822½

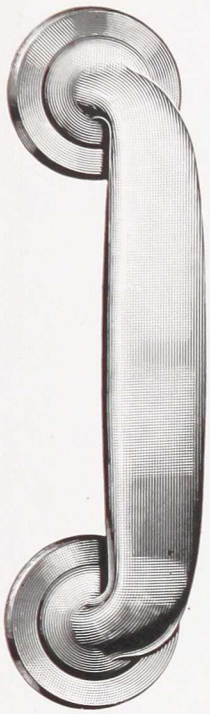


No. 3823
Type No. 3823½

Number	Length Inches	*Width Inches	Centers Inches	Projection Inches	Clearance Inches	Material
3821	6½	13/16	.....	2	1¼	Cast Bronze
03821	6½	13/16	.....	2	1¼	Cast Iron
*3821½	6½	13/16	4½	2	1¼	Cast Bronze
*03821½	6½	13/16	4½	2	1¼	Cast Iron
3822	7½	⅞	.....	2 5/16	1⅜	Cast Bronze
03822	7½	⅞	.....	2 5/16	1⅜	Cast Iron
*3822½	7½	⅞	5¼	2 5/16	1⅜	Cast Bronze
*03822½	7½	⅞	5¼	2 5/16	1⅜	Cast Iron
3823	10	1¼	.....	2 9/16	1⅜	Cast Bronze
*3823½	10	1¼	8⅛	2 9/16	1⅜	Cast Bronze

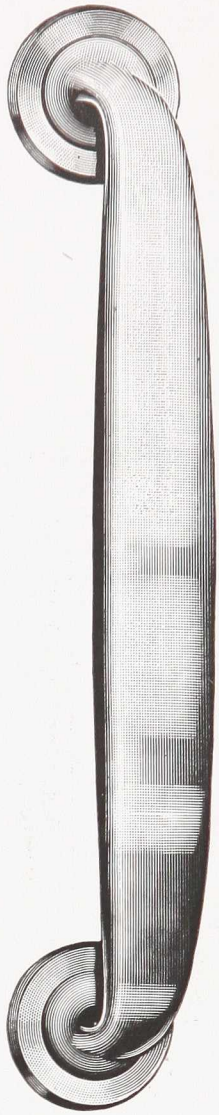
*Measurement given is the maximum face width of pull, not of the base.
Nos. 3821½, 3822½ and 3823½ furnished with through bolts. State thickness of door.
Packed 2 in a box.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

DOOR PULLS



No. 3832¾

No. 3833¾

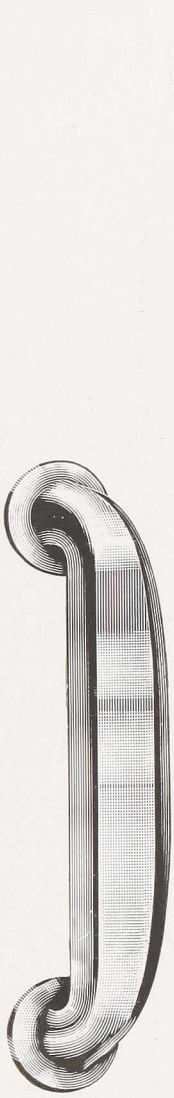


No. 3834¾

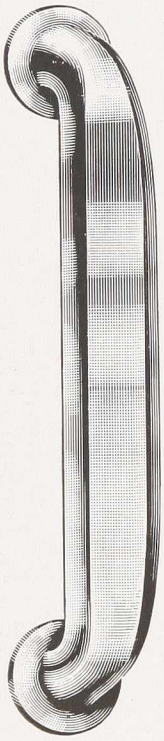
Number	Length Inches	*Width Inches	Centers Inches	Projection Inches	Clearance Inches	Material
3832¾	7½	1	5	2⅜	1 11/16	Cast Bronze
3833¾	9⅛	1	6½	2⅜	1¾	Cast Bronze
3834¾	11½	1¼	9	2⅜	1⅝	Cast Bronze

*Measurement given is the maximum face width of pull, not of the base.
The diameter of the Rosette is 1½ inches, and can be used with other grips.
Grips used to make the above pulls are Nos. 3902, 3903A and 3904 respectively.
Pulls are furnished with through bolts. State thickness of doors.
Packed 2 in a box, with through bolts.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

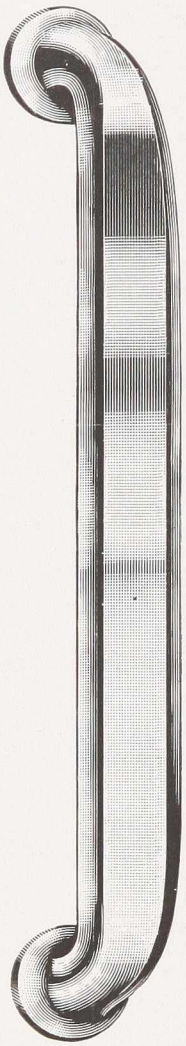
DOOR PULLS OR GRIPS



No. 3905

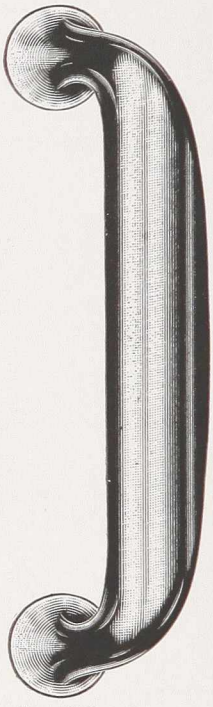


No. 3905A

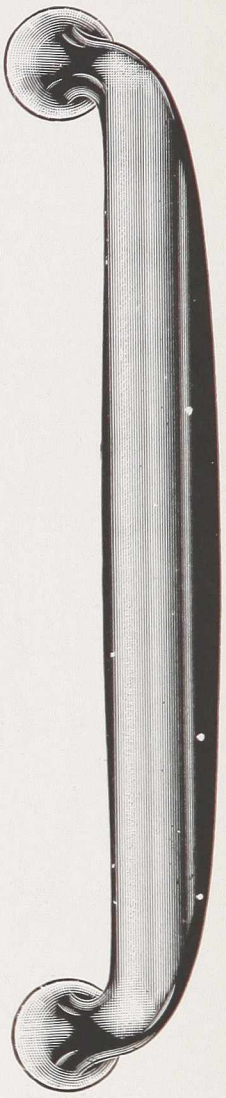


No. 3905B

No. 3901
No. 03901
Type No. 3901½
Type No. 03901½



No. 3902
No. 03902
Type No. 3902½
Type No. 3903
Type No. 3903A
Type No. 3903B
Type No. 3903½



No. 3904

Number	Description	Length and Width Inches	Centers	Projection	Clearance	Material
3901	Straight	5¼x ⅞	4½	1⅞	1⅜	Cast Bronze
03901	Straight	5¼x ⅞	4½	1⅞	1⅜	Cast Iron
3901½	Offset	5¼x ⅞	4½	1⅞	1⅜	Cast Bronze
03901½	Offset	5¼x ⅞	4½	1⅞	1⅜	Cast Iron
3902	Straight	6 x1	5	2	1 5/16	Cast Bronze
03902	Straight	6 x1	5	2	1 5/16	Cast Iron
3902½	Offset	6 x1	5	2	1 5/16	Cast Bronze
3903	Straight	6¾x1	5¾	2	1⅜	Cast Bronze
3903A	Straight	7⅝x1	6½	2	1⅜	Cast Bronze
3903B	Straight	8½x1⅛	7½	2	1⅜	Cast Bronze
3903½	Offset	6¾x1	5¾	2	1⅜	Cast Bronze
3904	Straight	10 x1¼	9	2	1¼	Cast Bronze
3905	Straight	6⅛x1	4 15/16	2 5/16	1⅝	Cast Bronze
3905A	Straight	7 x1	6	2⅜	1 11/16	Cast Bronze
3905B	Straight	9⅞x1	8¾	2⅜	1 11/16	Cast Bronze

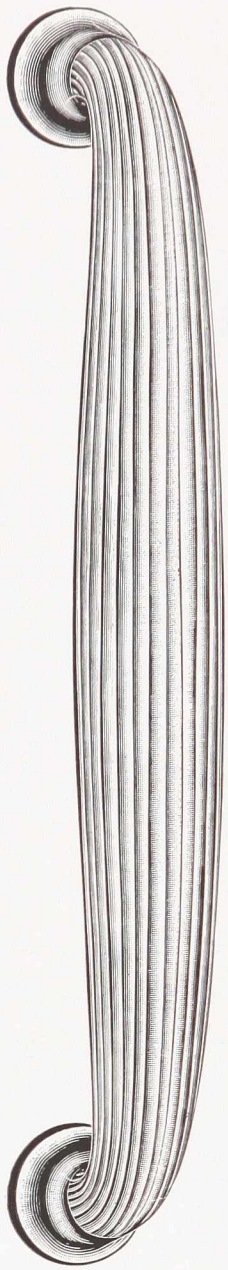
Width measurement given is the maximum face width of grip, not of the base.
All grips can be used bolted to plates or separate with through bolts, as specified.
Nos. 3904 and 3905B packed 2 in a box. All others, 6 in a box.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

DOOR PULLS OR GRIPS

No. 3908
No. 3908A

No. 3909

No. 3906
No. 3906A
No. 3906½A

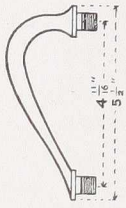


No. 3907

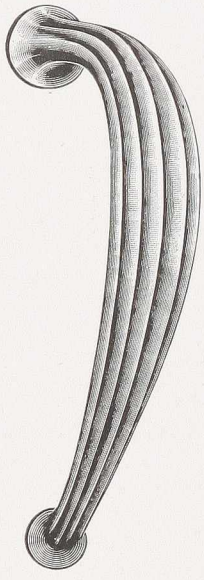
Number	Description	Length and Width Inches	Centers Inches	Projection Inches	Clearance Inches	Material
3906	Straight	7⅞x1¼	6⅞	2 1/16	1 5/16	Cast Bronze
3906A	Straight	9¾x1½	8⅞	2⅛	1⅜	Cast Bronze
3906½A	Offset	9¾x1½	8⅞	2⅛	1⅜	Cast Bronze
3907	Straight	10⅞x1¼	9⅝	2½	1¼	Cast Bronze
3908	Straight	8¾x1¼	7	2½	1¼	Cast Bronze
3908A	Straight	10 x1¼	8	2½	1¼	Cast Bronze
3909	Straight	11 x 15/16	10⅛	2⅞	1⅞	Cast Bronze

Width measurement given is the maximum face width of grip, not of the base.
All grips can be used bolted to plates, or separate with through bolts, as ordered.
Packed 2 in a box.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

GRIPS

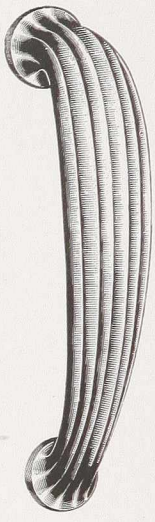


No. 3910
No. 03910



No. 3911
No. 03911

No. 3912
Type No. 3913



No. 3914
Type No. 3915

No. 3916
No. 03916

Number	Description	Length and Width Inches	Centers Inches	Projection Inches	Clearance Inches	Material
3910	Straight	6¾x1¼	5⅞	2⅛	1½	Cast Bronze
03910	Straight	6¾x1¼	5⅞	2⅛	1½	Cast Iron
3911	Straight	6¾x1¼	5⅞	2¼	1 9/16	Cast Bronze
03911	Straight	6¾x1¼	5⅞	2¼	1 9/16	Cast Iron
3912	Straight	5⅞x1 1/16	4⅞	2 5/16	1 9/16	Cast Bronze
3913	Straight	6¾x1¼	5¾	2½	1⅝	Cast Bronze
3914	Straight	5⅞x1 1/16	4⅞	2 5/16	1 9/16	Cast Bronze
3915	Straight	6¾x1¼	5¾	2½	1⅝	Cast Bronze
3916	Straight	6⅝x1	5½	2¼	1⅝	Cast Bronze
03916	Straight	6⅝x1	5½	2¼	1⅝	Cast Iron

Width measurement given is the maximum face width of grip, not of the base.
All grips can be bolted to plates and are tapped for through bolts.
Packed, 2 in a box.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

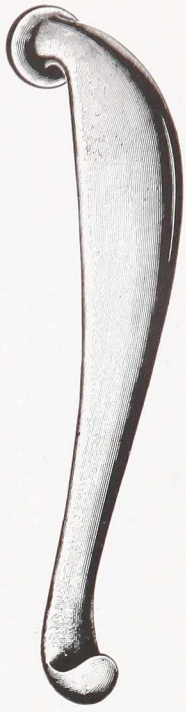
GRIPS

No. 3922

No. 3920
Type No. 3921

No. 3923

No. 3917

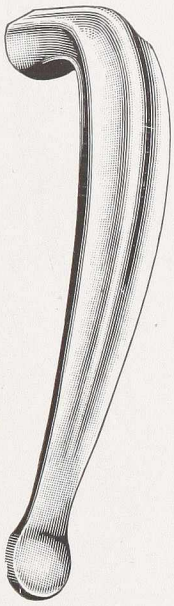


No. 3918
Type No. 3918½
Type No. 3919

Number	Description	Length and Width Inches	Centers Inches	Projection Inches	Clearance Inches	Material
3917	Straight	8 1/16 x 1 3/8	7	2 1/4	1 1/2	Cast Bronze
3918	Straight	8 1/16 x 1 3/8	6 7/8	2 1/4	1 5/8	Cast Bronze
3918½	Offset	8 1/16 x 1 3/8	6 7/8	2 1/4	1 5/8	Cast Bronze
3919	Straight	9 1/4 x 1 1/2	8	2 5/8	1 3/4	Cast Bronze
3920	Straight	6 3/4 x 1 3/16	5 3/4	2 3/8	1 1/2	Cast Bronze
3921	Straight	7 3/4 x 1 1/4	6 3/4	2 3/8	1 5/8	Cast Bronze
3922	Straight	6 3/4 x 1 1/4	5 1/4	2 1/4	1 5/8	Cast Bronze
3923	Straight	7 3/8 x 1	6 1/2	2 1/16	1 1/2	Cast Bronze

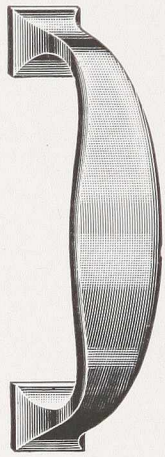
Width measurement given is the maximum face width of grip, not of base.
All grips can be bolted to plates and are tapped for through bolts.
Packed 2 in a box.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

GRIPS

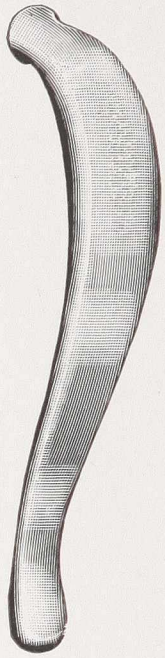


No. 3956

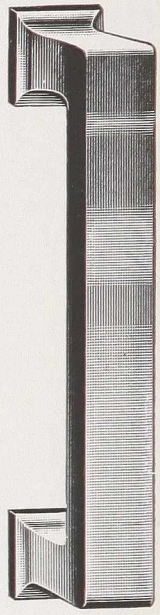
No. 3910A



No. 3952½
No. 03952½



No. 3955

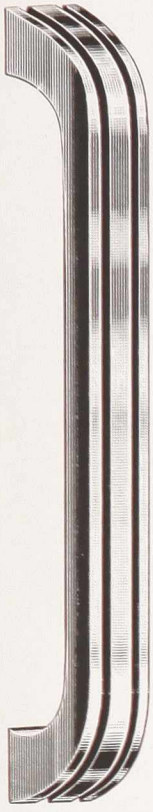


No. 3957

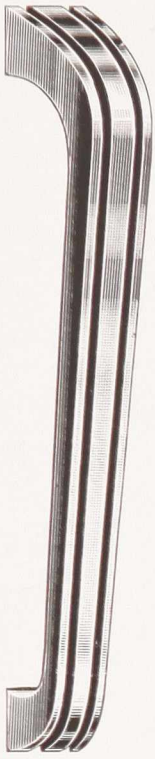
Number	Description	Length and Width Inches	Centers Inches	Projection Inches	Clearance Inches	Material
3910A	Straight	8⅜x1	7½	2⅜	1⅞	Cast Bronze
3952½	Offset	5¼x1	4½	1⅝	1¼	Cast Bronze
03952½	Offset	5¼x1	4½	1⅝	1¼	Cast Iron
3955	Straight	7⅝x1	6⅞	2⅜	1¾	Cast Bronze
3956	Straight	7 x1¼	6¼	2⅛	1¼	Cast Bronze
3957	Straight	7 x 15/16	5⅞	2⅜	1 13/16	Cast Bronze

Width measurement given is the maximum face width of grip, not of the base.
All grips can be bolted to plates and are tapped for through bolts.
Packed, 2 in a box.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

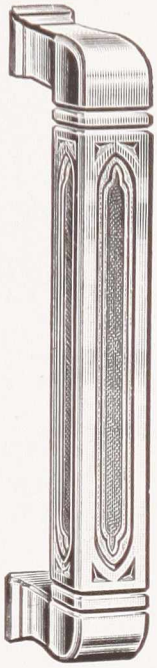
GRIPS



No. NB3993
No. NB3994

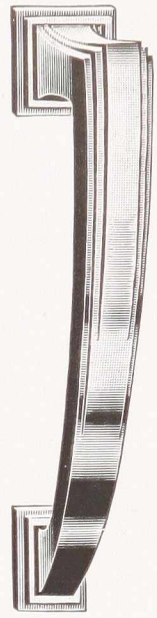


No. NB3991
No. NB3992

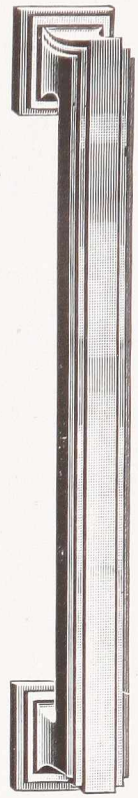


No. 3925
Type No. 3925A

No. PM3991



No. SG3991



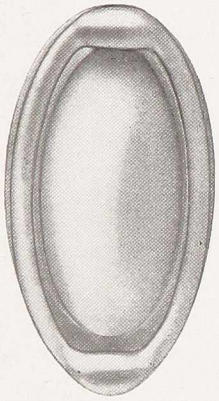
No. SG3994
Type No. SG3995
" " SG3993
" " SG3994½

Number	Description	Length and Width Inches	Centers Inches	Projection Inches	Clearance Inches	Material
3925	Straight	6 x ⅞	5	2⅜	1½	Cast Bronze
3925A	Straight	7½x ⅞	6½	2⅜	1½	Cast Bronze
NB3991	Pitcher	6¼x ⅝	5½	2¼	1½	Cast Bronze
NB3992	Pitcher	8¼x ⅝	7½	2¼	1½	Cast Bronze
NB3993	Straight	6¾x ⅝	5½	2¼	1½	Cast Bronze
NB3994	Straight	8¾x ⅝	8	2¼	1½	Cast Bronze
PM3991	Straight	6⅛x1 1/16	5¼	2⅝	1½	Cast Bronze
SG3991	Pitcher	7⅜x1¼	6	2¼	1½	Cast Bronze
SG3993	Straight	7¾x1⅛	6½	2⅛	1½	Cast Bronze
SG3994	Straight	9 5/16x1⅛	8	2⅛	1½	Cast Bronze
SG3994½	Offset	9 5/16x1⅛	8	2⅛	1½	Cast Bronze
SG3995	Straight	12¼x1⅛	11	2⅛	1½	Cast Bronze

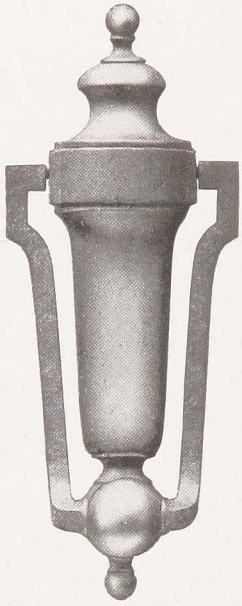
Width measurement given is the maximum face width of grip, not of the base.
All grips can be bolted to plates and are tapped for through bolts.
Packed, 2 in a box.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

DOOR KNOCKERS

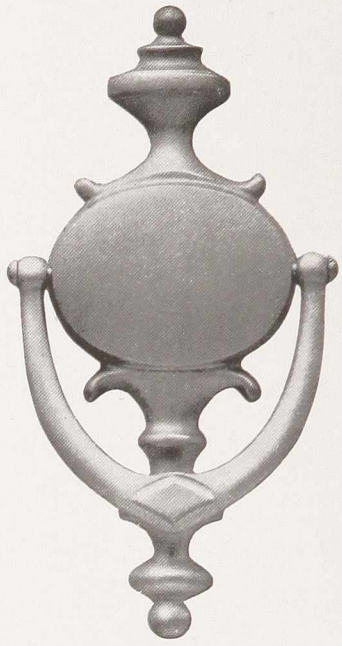
FOR ENTRANCE DOORS



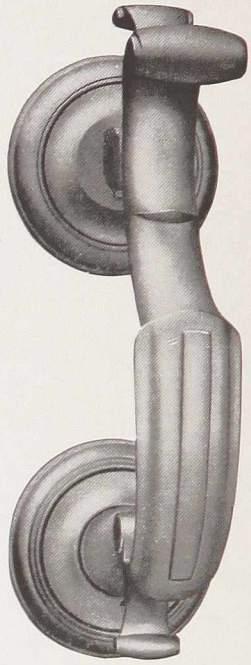
No. 4001



No. 4002



No. 4003

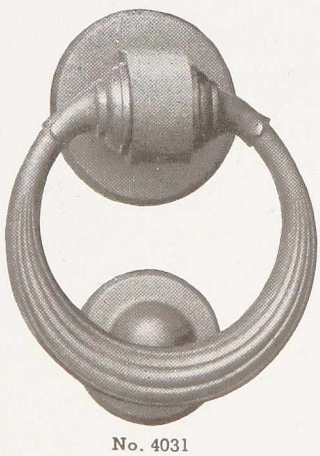


No. 4004

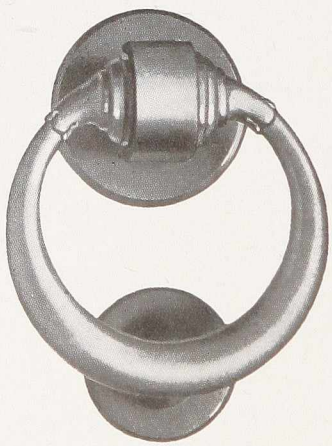
CAST BRONZE OR BRASS

Number	Size Over All Inches	Top Plate Inches	Lower Plate Inches	Material
4001	5½x3	....	....	Cast Bronze
4002	8¾x3½	....	....	Cast Bronze
4003	9½x4⅞	....	....	Cast Bronze
4004	9 x3½	3⅛	3⅛	Cast Bronze

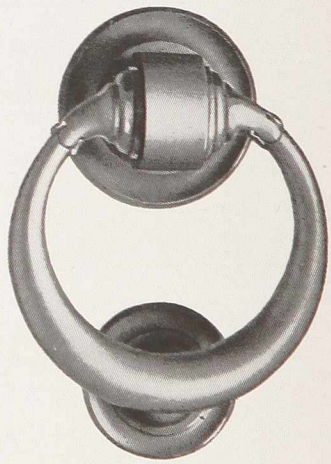
Packed each in a box, with bronze through bolts unless otherwise specified.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



No. 4031



No. 4040



No. 4041

CAST BRONZE OR BRASS

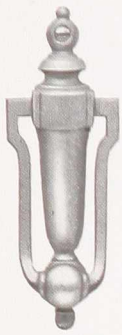
Number	Size Over All Inches	Top Plate Inches	Lower Plate Inches	Material
4031	6¼x4⅞	2¼	1⅞	Cast Bronze
4040	6¼x4⅞	2¼	1⅞	Cast Bronze
4041	6 x4⅞	2½	2	Cast Bronze

Packed each in a box, with bronze through bolts unless otherwise specified.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Special knockers made to order.

DOOR KNOCKERS

FOR INTERIOR DOORS

No. 4005

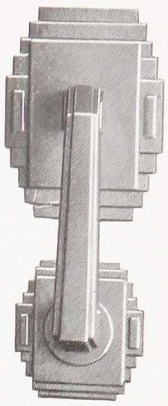


No. 4006

No. 4008

No. 4009

No. 4007

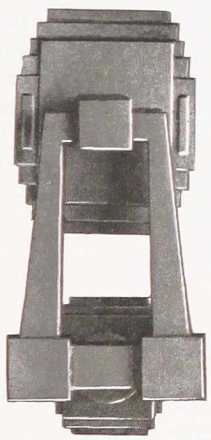


No. SG4092

Number	Size Over All, Inches	Top Plate, Inches	Lower Plate, Inches	Material
4005	3½x1¾	.....	.....	Cast Bronze
4006	4⅛x1⅝	.....	.....	Cast Bronze
4007	4⅛x2¼	.....	.....	Cast Bronze
4008	4 x2¼	1⅜	1⅜	Cast Bronze
4009	3⅞x1⅜	2⅛	1 3/16	Cast Bronze
SG4092	5¼x2⅛	2½x2⅛	2x1⅞	Cast Bronze

Packed each in a box with wood screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

No. VC4092



SG4090

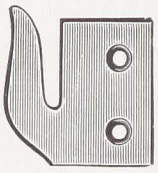
No. 4020

No. 4019

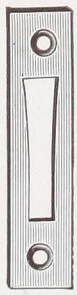
Number	Size Over All, Inches	Top Plate, Inches	Lower Plate, Inches	Material
4019	4 x2 5/16	.....	.....	Cast Bronze
4020	6½x2½	.....	.....	Cast Bronze
SG4090	6⅞x2⅞	3¼x2⅝	2½x2⅛	Cast Bronze
VC4092	7¼x1⅞	3¾x1⅞	2¾x1⅝	Cast Bronze

Packed each in a box, with wood screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CASEMENT WINDOW FASTENERS

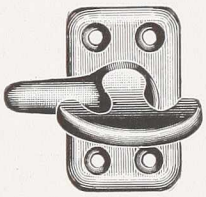


Rim (R) Strike

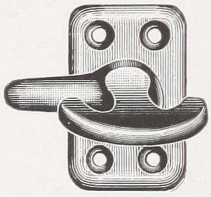


Mortise (M) Strike

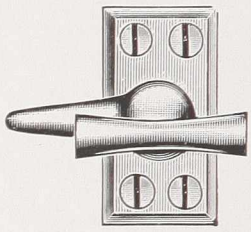
Surface (S) Strike



Nos. 4801RM-04801RM
Nos. 4801S-04801S
Wrought Base



Nos. 4821RM-04821RM
Nos. 4821S-04821S
Cast Base



Nos. 4802RM-04802RM
Nos. 4802S-04802S
Cast Base

REVERSIBLE—TURN HANDLES CAST BRONZE, BRASS OR IRON ON CAST OR WROUGHT BASES

Number	Base		Projection Inches	Strike	
	Size Inches	Material		Size Inches	Material
4801RM	1 3/4x1 1/8	Wrought Bronze	1 3/16	1 3/8x1 7/16	Wrought Bronze
4801S	1 3/4x1 1/8	Wrought Bronze	1 3/16	1 3/4x9/16	Cast Bronze
04801RM	1 3/4x1 1/8	Wrought Steel	1 3/16	1 3/8x1 7/16	Wrought Steel
04801S	1 3/4x1 1/8	Wrought Steel	1 3/16	1 3/4x9/16	Cast Iron
4802RM	2 1/16x1 1/8	Cast Bronze	1 9/16	1 3/8x1 7/16	Cast Bronze
4802S	2 1/16x1 1/8	Cast Bronze	1 9/16	1 3/4x9/16	Cast Bronze
04802RM	2 1/16x1 1/8	Cast Iron	1 9/16	1 3/8x1 7/16	Wrought Steel
04802S	2 1/16x1 1/8	Cast Iron	1 9/16	1 3/4x9/16	Cast Iron
4821RM	1 5/8x1 1/8	Cast Bronze	1 1/4	1 3/8x1 7/16	Wrought Bronze
4821S	1 5/8x1 1/8	Cast Bronze	1 1/4	1 3/4x9/16	Cast Bronze
04821RM	1 5/8x1 1/8	Cast Iron	1 1/4	1 3/8x1 7/16	Wrought Steel
04821S	1 5/8x1 1/8	Cast Iron	1 1/4	1 3/4x9/16	Cast Iron

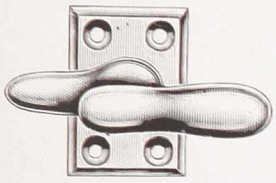
Packed RM series, 1 dozen in a box, complete with rim and mortise strikes and screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CASEMENT WINDOW FASTENERS

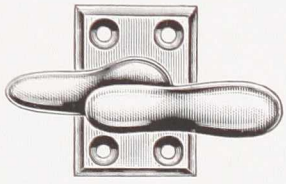
Rim (R) Strike

Mortise (M) Strike

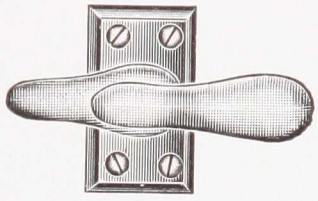
Surface (S) Strike



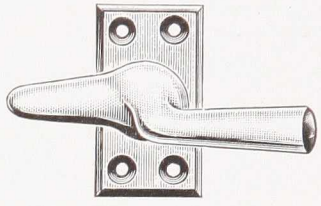
Nos. 4820RM-04820RM
Nos. 4820S-04820S



Nos. 4808RM-04808RM
Nos. 4808S-04808S



Nos. 4803RM-04803RM
Nos. 4803S-04803S



Nos. 4822RM-04822RM
Nos. 4822S-04822S

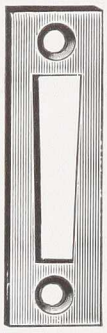
REVERSIBLE—CAST BRONZE, BRASS OR IRON BASES AND TURN HANDLES

Number	Base		Projection Inches	Strike	
	Size Inches	Material		Size Inches	Material
4803RM	$2\frac{1}{16}$x$1\frac{1}{8}$	Cast Bronze	$1\frac{1}{2}$	$1\frac{3}{8}$x$1\frac{7}{16}$	Wrought Bronze
4803S	$2\frac{1}{16}$x$1\frac{1}{8}$	Cast Bronze	$1\frac{1}{2}$	$1\frac{3}{4}$x$\frac{19}{32}$	Cast Bronze
04803RM	$2\frac{1}{16}$x$1\frac{1}{8}$	Cast Iron	$1\frac{1}{2}$	$1\frac{3}{8}$x$1\frac{7}{16}$	Wrought Steel
04803S	$2\frac{1}{16}$x$1\frac{1}{8}$	Cast Iron	$1\frac{1}{2}$	$1\frac{3}{4}$x$\frac{19}{32}$	Cast Iron
4808RM	$1\frac{5}{8}$x$1\frac{1}{8}$	Cast Bronze	$1\frac{1}{4}$	$1\frac{3}{8}$x$1\frac{7}{16}$	Wrought Bronze
4808S	$1\frac{5}{8}$x$1\frac{1}{8}$	Cast Bronze	$1\frac{1}{4}$	$1\frac{3}{4}$x$\frac{19}{32}$	Cast Bronze
04808RM	$1\frac{5}{8}$x$1\frac{1}{8}$	Cast Iron	$1\frac{1}{4}$	$1\frac{3}{8}$x$1\frac{7}{16}$	Wrought Steel
04808S	$1\frac{5}{8}$x$1\frac{1}{8}$	Cast Iron	$1\frac{1}{4}$	$1\frac{3}{4}$x$\frac{19}{32}$	Cast Iron
4820RM	$1\frac{5}{8}$x$1\frac{1}{8}$	Cast Bronze	$\frac{15}{16}$	$1\frac{3}{8}$x$1\frac{7}{16}$	Wrought Bronze
4820S	$1\frac{5}{8}$x$1\frac{1}{8}$	Cast Bronze	$\frac{15}{16}$	$1\frac{5}{8}$x$1\frac{1}{2}$	Cast Bronze
04820RM	$1\frac{5}{8}$x$1\frac{1}{8}$	Cast Iron	$\frac{15}{16}$	$1\frac{3}{8}$x$1\frac{7}{16}$	Wrought Steel
04820S	$1\frac{5}{8}$x$1\frac{1}{8}$	Cast Iron	$\frac{15}{16}$	$1\frac{5}{8}$x$1\frac{1}{2}$	Cast Iron
4822RM	$2\frac{1}{16}$x$1\frac{1}{8}$	Cast Bronze	$1\frac{7}{8}$	$1\frac{3}{8}$x$1\frac{7}{16}$	Wrought Bronze
4822S	$2\frac{1}{16}$x$1\frac{1}{8}$	Cast Bronze	$1\frac{7}{8}$	$1\frac{3}{4}$x$\frac{19}{32}$	Cast Bronze
04822RM	$2\frac{1}{16}$x$1\frac{1}{8}$	Cast Iron	$1\frac{7}{8}$	$1\frac{3}{8}$x$1\frac{7}{16}$	Wrought Steel
04822S	$2\frac{1}{16}$x$1\frac{1}{8}$	Cast Iron	$1\frac{7}{8}$	$1\frac{3}{4}$x$\frac{19}{32}$	Wrought Steel

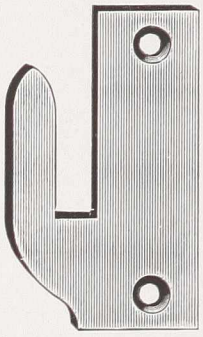
Packed, RM series, 1 dozen in a box, complete with rim and mortise strikes and screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CASEMENT WINDOW FASTENERS

Surface (S) Strike
For No. 4806S

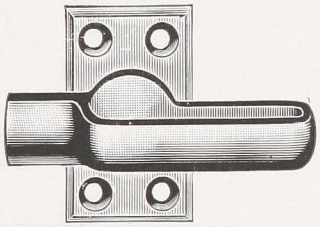


Mortise (M) Strike

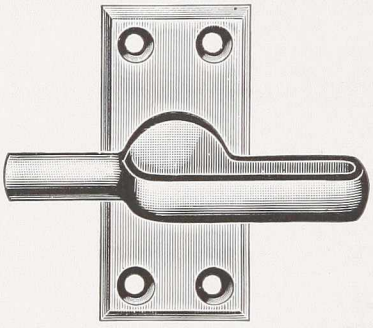


Rim (R) Strike
For No. 4807R

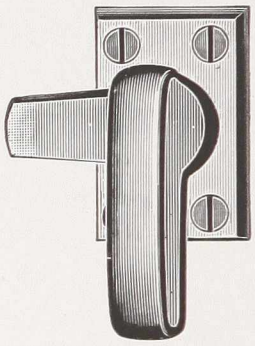
Surface (S) Strike
For No. 4815S



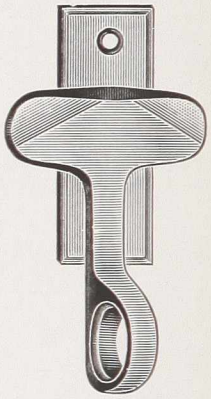
Nos. 4806R-04806R
Nos. 4806M-04806M
Nos. 4806S-04806S
Reversible



Nos. 4807R-04807R
Nos. 4807M-04807M
Nos. 4807S-04807S
Reversible



Nos. 4815R-04815R
Nos. 4815M-04815M
Nos. 4815S-04815S
Cut Right Hand



Nos. 4804R-04804R
Nos. 4804M-04804M
Reversible

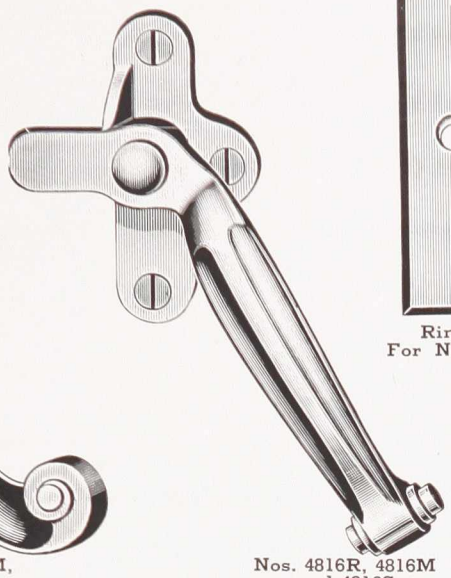
CAST BRONZE, BRASS OR IRON BASES AND TURN HANDLES

Number	Base		Projection	Strike	
	Size Inches	Material	Inches	Size Inches	Material
4804R	2 7/16 x 7/8	Cast Bronze	1 1/8	2 5/8 x 1 5/8	Wrought Bronze
4804M	2 7/16 x 7/8	Cast Bronze	1 1/8	2 3/8 x 7/8	Wrought Bronze
04804R	2 7/16 x 7/8	Cast Iron	1 1/8	2 5/8 x 1 5/8	Wrought Steel
04804M	2 7/16 x 7/8	Cast Iron	1 1/8	2 3/8 x 7/8	Wrought Steel
4806R	2 x 1 1/4	Cast Bronze	1 9/16	2 5/8 x 1 5/8	Wrought Bronze
4806M	2 x 1 1/4	Cast Bronze	1 9/16	3 x 7/8	Wrought Bronze
4806S	2 x 1 1/4	Cast Bronze	1 9/16	2 7/8 x 3/4	Cast Bronze
04806R	2 x 1 1/4	Cast Iron	1 9/16	2 5/8 x 1 5/8	Wrought Steel
04806M	2 x 1 1/4	Cast Iron	1 9/16	3 x 7/8	Wrought Steel
04806S	2 x 1 1/4	Cast Iron	1 9/16	2 7/8 x 3/4	Cast Iron
4807R	3 x 1 3/8	Cast Bronze	1 1/2	3 x 1 3/4	Wrought Bronze
4807M	3 x 1 3/8	Cast Bronze	1 1/2	3 x 7/8	Wrought Bronze
4807S	3 x 1 3/8	Cast Bronze	1 1/2	3 x 3/4	Cast Bronze
04807R	3 x 1 3/8	Cast Iron	1 1/2	3 x 1 3/4	Wrought Steel
04807M	3 x 1 3/8	Cast Iron	1 1/2	3 x 7/8	Wrought Steel
04807S	3 x 1 3/8	Cast Iron	1 1/2	3 x 3/4	Cast Iron
*4815R	2 x 1 1/4	Cast Bronze	1 3/4	2 5/8 x 1 5/8	Wrought Bronze
*4815M	2 x 1 1/4	Cast Bronze	1 3/4	3 x 7/8	Wrought Bronze
*4815S	2 x 1 1/4	Cast Bronze	1 3/4	2 7/8 x 3/4	Cast Bronze
*04815R	2 x 1 1/4	Cast Iron	1 3/4	2 5/8 x 1 5/8	Wrought Steel
*04815M	2 x 1 1/4	Cast Iron	1 3/4	3 x 7/8	Wrought Steel
*04815S	2 x 1 1/4	Cast Iron	1 3/4	2 7/8 x 3/4	Cast Iron

Packed 1 dozen in a box with strikes and screws.
*Not reversible. Specify hand, described on Page No. 41A.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

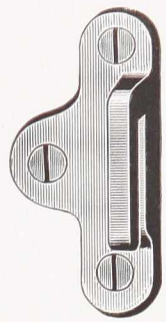
CASEMENT WINDOW FASTENER

Nos. 4809R, 4809M, and 4809S Cut Right Hand

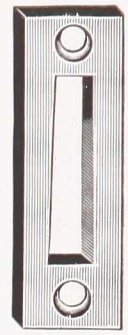


Nos. 4816R, 4816M and 4816S Cut Right Hand

Rim (R) Strike For Nos. 4809R and 4816R

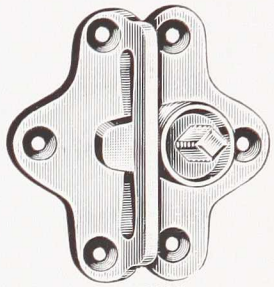


Surface (S) Strike For Nos. 4809S and 4816S



Mortise (M) Strike

Nos. 4823R, 4823M and 4823S Cut Right Hand Specify any Lever Shown on Pages 125 to 128

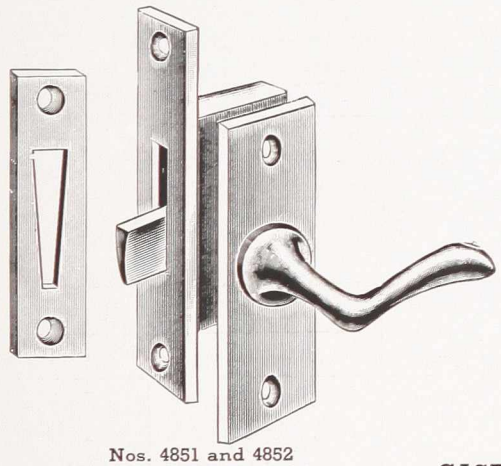


Cut 4823S

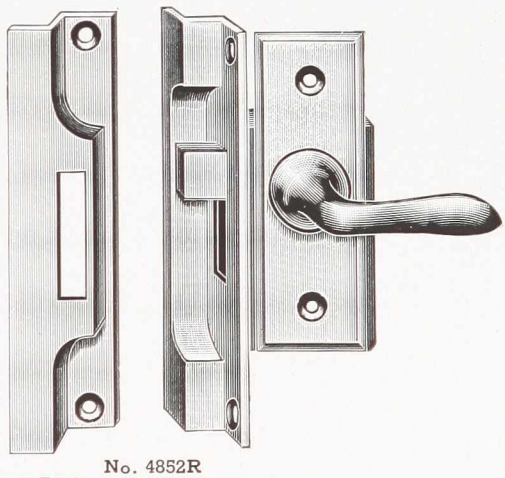
NOT REVERSIBLE—CAST BRONZE OR BRASS

Number	Base		Projection Inches	Strike	
	Size, Inches	Material		Size, Inches	Material
4809R	2 7/8x1 1/4	Cast Bronze	1 7/8	3 x1 3/4	Wrought Bronze
4809M	2 7/8x1 1/4	Cast Bronze	1 7/8	3 x 7/8	Wrought Bronze
4809S	2 7/8x1 1/4	Cast Bronze	1 7/8	2 7/8x1 1/4	Cast Bronze
4816R	2 7/8x1 1/4	Cast Bronze	1 3/8	3 x1 3/4	Wrought Bronze
4816M	2 7/8x1 1/4	Cast Bronze	1 3/8	3 x 7/8	Wrought Bronze
4816S	2 7/8x1 1/4	Cast Bronze	1 3/8	2 7/8x1 1/4	Cast Bronze
***4823R**	3 x1 1/2	Cast Bronze	1/2 inch, plus Lever	3 x1 3/4	Cast Bronze
***4823M**	3 x1 1/2	Cast Bronze	1/2 inch, plus Lever	3 x 7/8	Cast Bronze
***4823S**	3 x1 1/2	Cast Bronze	1/2 inch, plus Lever	3 x1 1/2	Cast Bronze

Packed 1/2 dozen in a box, with strikes and screws. Not reversible. Specify hand described on Page No. 41A. *Specify lever required, selected from Page No. 125 to 128. Specify Number and Finish. Refer to Page No. 32A for description of Finish.



Nos. 4851 and 4852



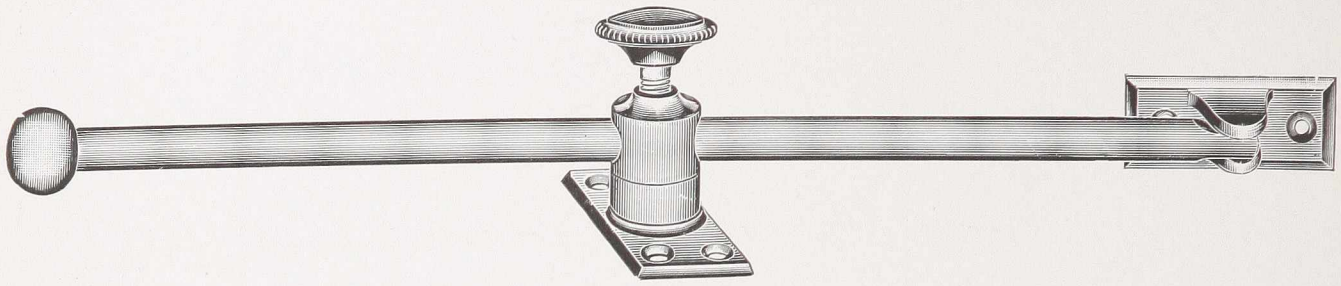
No. 4852R

CAST BRONZE OR BRASS

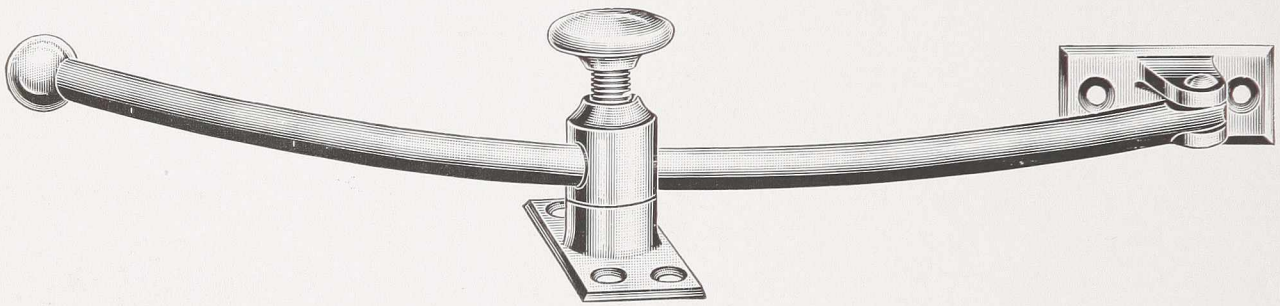
Number	Case Japanned Iron Inches	Front Cast Bronze Inches	Backset Inches	Hub Inches	Plate Cast Bronze Inches
4851	2 1/8x1 1/4	3 5/8x3/4	3/4	5/16	3x7/8
4852	2 1/8x1 5/8	3 5/8x3/4	1	5/16	3x7/8
***4852R**	2 1/8x1 5/8	4 x15/16	3/4x1 1/8	5/16	3x7/8

Packed each in a box, complete with strikes and screws. Specify Number and Finish. Refer to Page No. 32A for description of finish. *Not Reversible. Specify hand described on Page No. 41A.

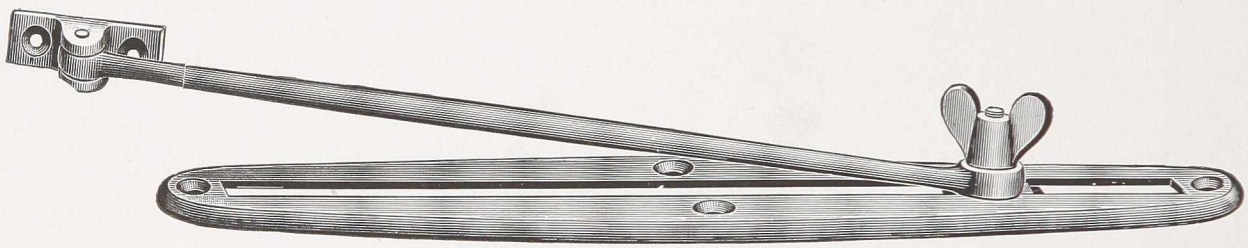
CASEMENT WINDOW ADJUSTERS



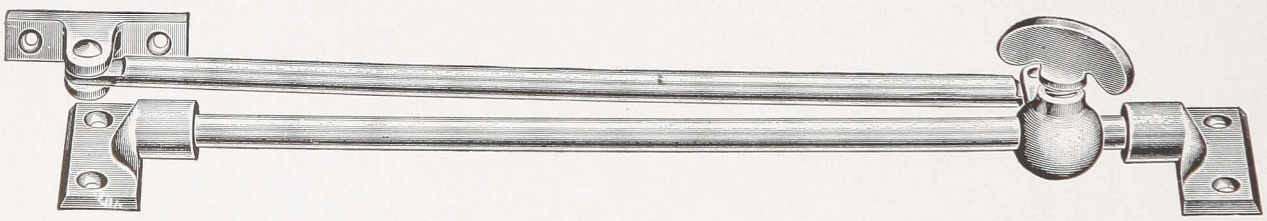
Nos. 4901 and 04901—For Windows Opening Out



Nos. 4901C and 04901C—CURVED—For Windows Opening Out



Nos. 4903 and 04903—For Windows Opening Out



Nos. 4904 and 04904—For Windows Opening Out

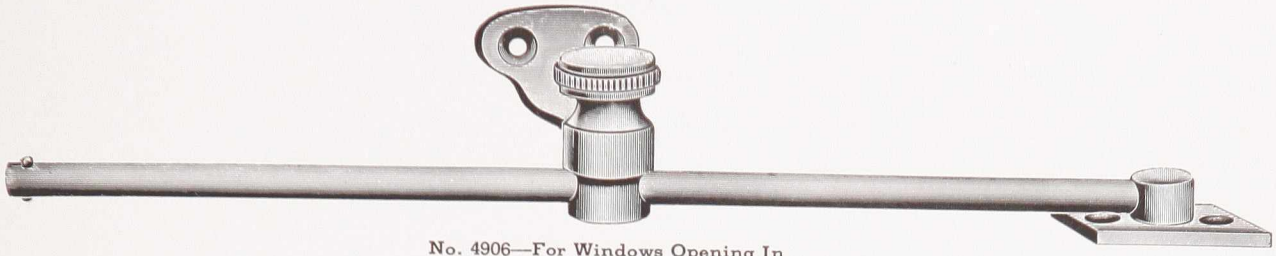
Number	Length of Rod Inches	Diameter of Rod Inches	Size Sash Plate Inches	Size Sill Plate Inches	*Clearance Inches	Material	
						Rods	All Other Parts
4901	10, 12, 15 and 18	3/8	2x1	2 1/2x1 1/8	3/4	Wrought Bronze	Cast Bronze
04901	10, 12, 15 and 18	3/8	2x1	2 1/2x1 1/8	3/4	Wrought Steel	Cast Iron
4901C	12	3/8	2x1	2 1/2x1 1/8	..	Wrought Bronze	Cast Bronze
04901C	12	3/8	2x1	2 1/2x1 1/8	..	Wrought Steel	Cast Iron
4903	8, 10 and 12	1/4x1/2	1 5/8x1/2	1 1/2	1/4	Cast Bronze	Cast Bronze
04903	8, 10 and 12	1/4x1/2	1 5/8x1/2	1 1/2	..	Cast Iron	Cast Iron
4904	9 and 12	5/16	1 7/8x5/8	1 3/8x3/4	1/2	Wrought Bronze	Cast Bronze
04904	9 and 12	5/16	1 7/8x5/8	1 3/8x3/4	1/2	Wrought Steel	Cast Iron

Packed 6 in a box, with screws.

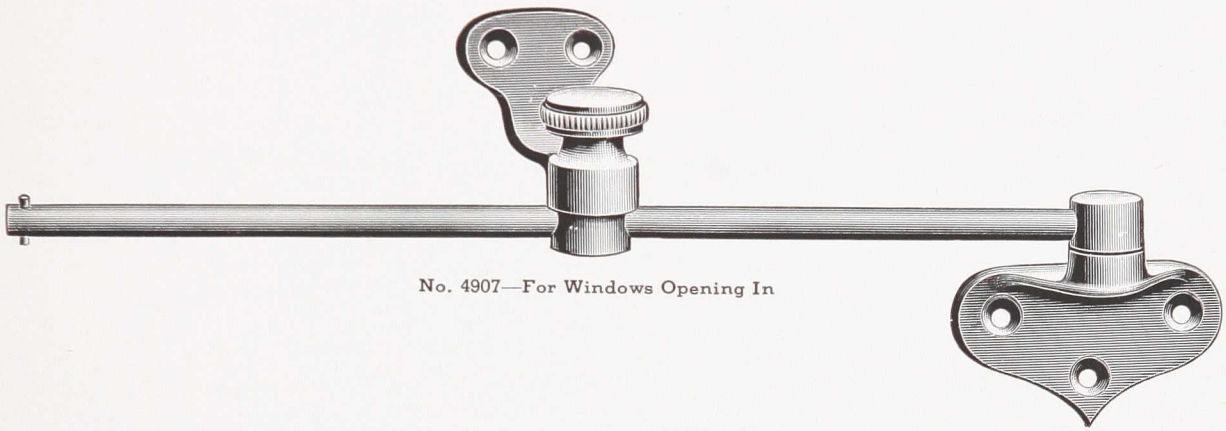
*Clearance is from bottom of sill plate to bottom of sash plate.

Specify Number Length and Finish. Refer to Page No. 32A for description of finish.

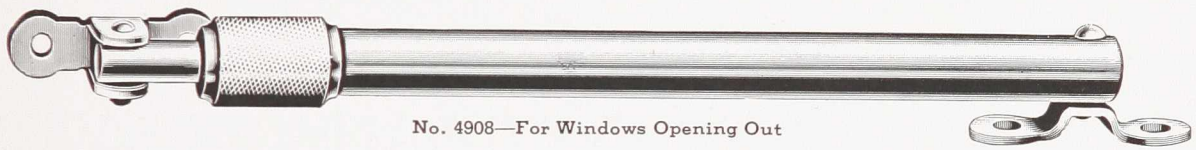
CASEMENT WINDOW ADJUSTERS



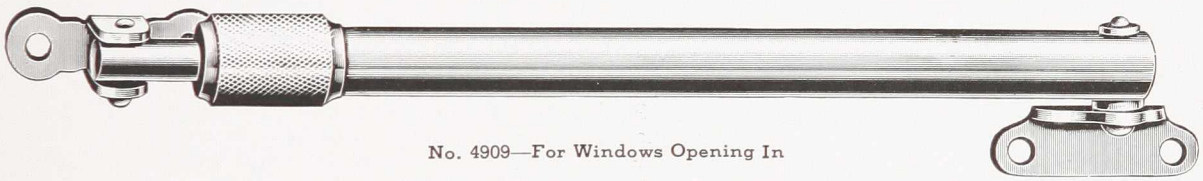
No. 4906—For Windows Opening In
Type No. 4906½



No. 4907—For Windows Opening In



No. 4908—For Windows Opening Out

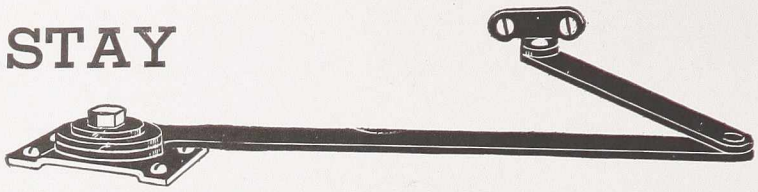


No. 4909—For Windows Opening In

Number	Length of Rod Inches	Diameter of Rod Inches	Size Sash Plate Inches	Size Sill Plate Inches	Clearance Inches	Material	
						Rods	All Other Parts
4906	12-15-18	5/16	1 1/2 x 3/4	1 3/4 x 1	3/8	Wrought Bronze	Cast Bronze
4906½	12-15-18	3/8	1 1/2 x 3/4	1 3/4 x 1	3/8	Wrought Bronze	Cast Bronze
4907	12-15-18	5/16	1 1/2 x 3/4	2 1/2 x 1 1/2	3/8	Wrought Bronze	Cast Bronze
*4908	10-12	3/8	2 x 5/8	2 x 3/4	3/8	Wrought Bronze	Wrought Bronze
4909	10-12	3/8	2 x 5/8	2 x 5/8	3/8	Wrought Bronze	Wrought Bronze

Nos. 4908 and 4909—The diameter of the tube is 5/8 inch.
Packed 6 in box with screws.
Specify Number Length and Finish. Refer to Page No. 32A for description of finish.
*No. 4908 can be used on windows opening in by applying adjuster on exterior side.

FRICTION STAY



No. 04939—Steel Cadmium Plated

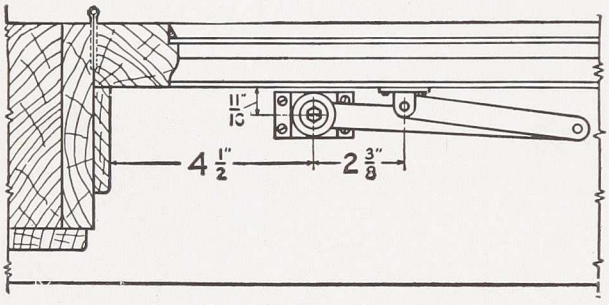
No. 04939—Steel Cadmium Plated

The friction stay is suitable for use on hinged or pivoted, casement windows, doors, and transoms, permitting an opening of up to 180 degrees. It holds in any locked position by friction tension. The tension is adjustable by means of a slotted nut, controlling 1¼ diameter friction plates made of solid brass.
Packed 12 in a box with screws. Weight per box 6 pounds.
Specify if plated finishes required, Page No. 32A.

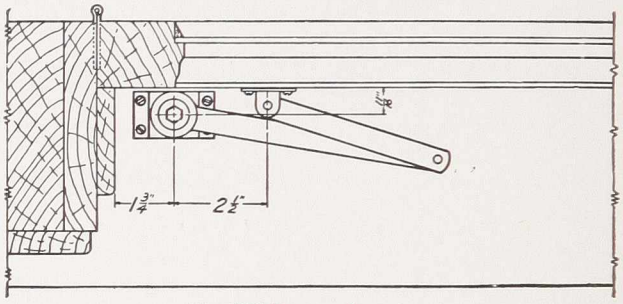
MEASUREMENTS:

Base 1¼ inches wide x2⅛ inches long.
Length over all, 8⅜ inches.
Width of rod, ⅝ inches.
Sash Plate, ½x1⅜ inches.

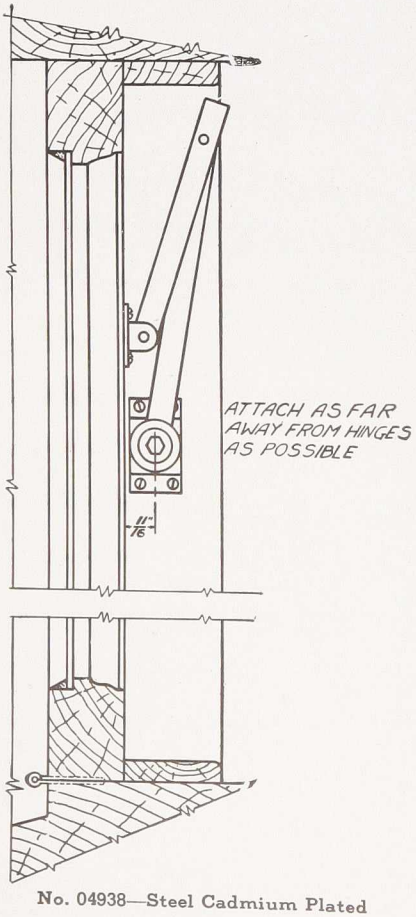
INSTALLATION



Less than 180 Degree Opening



For 180 Degree Opening



No. 04938—Steel Cadmium Plated

FRICTION TRANSOM STAY

No. 04938—Steel Cadmium Plated

For transoms where opening is not to be greater than 90 degrees. This is accomplished by a stop on the sash arm which makes it impossible to go past dead center and by placing the transom stay as far from butts as possible.

Large transom or wide transom should be equipped with two transom stays.

MEASUREMENTS

Base 1¼ inches wide x2⅛ inches long.

Length over all, 8⅜ inches.

Width of rod, ⅝ inches.

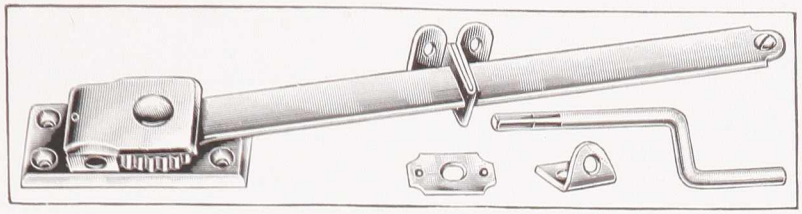
Transom plate, ½x1⅜ inches.

Can be furnished in plated finishes by specifying the finishes required. Page No. 32A.

Packed 12 in a box with round head screws.

Weight per box, 6 pounds.

CASEMENT WINDOW ADJUSTERS



No. 04924—All Steel, Cadmium Plated

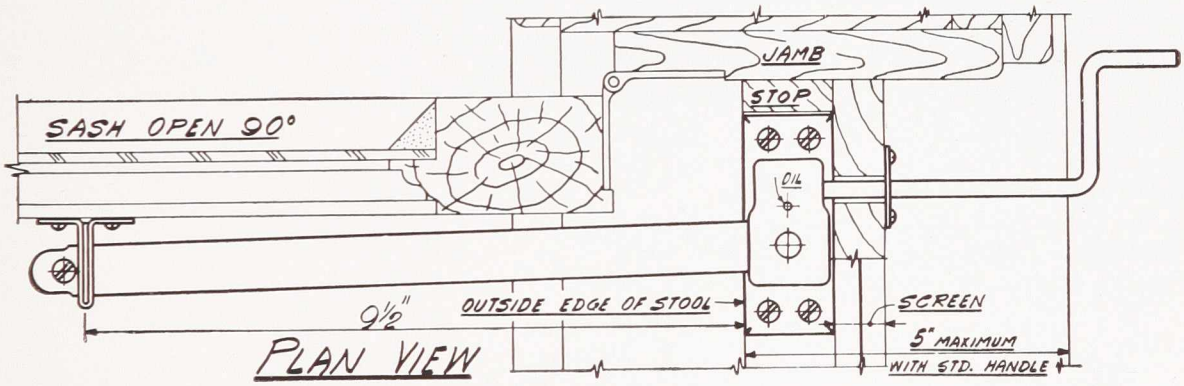
The Number 04924, "thru screen" worm and gear adjuster is adapted for use between casement window and screen requiring only 1⅜ inches space. Flexible arm compensates for sagging window, butts not aligned and stools not leveled. Gears are steel. Escutcheon is dull brass plated on steel. Handle is steel, dull brass plated.

REVERSIBLE—For Right or Left Hand Casement Windows, Opening Out

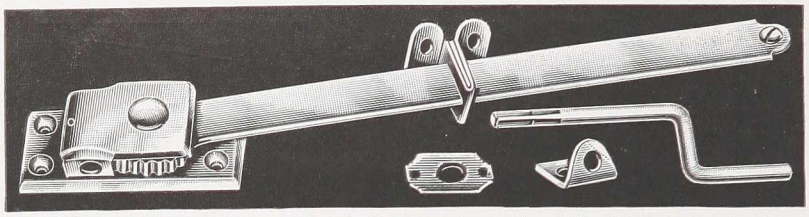
Number	Width of Base Inches	Length of Base Inches	Width of Sash Plate Inches	Projection Inches	Handle Inch	For Stools Inches
04924	1⅜	3⅜	1½	1⅜	¼	5

Packed 6 in a box, each wrapped complete with handle, escutcheons and screws.
Forty-eight in a shipping carton. Weight, 45 pounds.

INSTALLATION No. 04924



CASEMENT WINDOW ADJUSTERS



No. 4928—Bronze or Brass Metal
No. 04928—Steel, Cadmium Plated

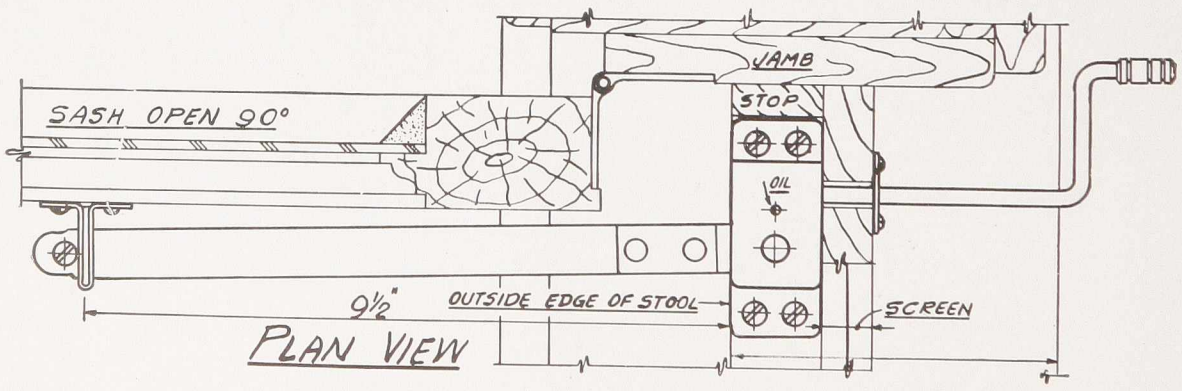
Nos. 4928 and 04928, "thru screen" worm and gear adjuster is adapted for use between casement window and screen requiring only 1 7/16 inches space. Flexible arm compensates for sagging window, butts not aligned and stools not leveled. Gears are bronze metal. Escutcheon is dull brass plated for No. 04928, and bronze or brass metal for 4298. Handle is eight inches long for eight inch stools and has bronze or brass metal knob. Cut handle spindle for narrower stools, and specify if stool is wider than eight inches, for which there is an additional price for longer spindle.

REVERSIBLE—For Right or Left Hand Casement Windows, Opening Out

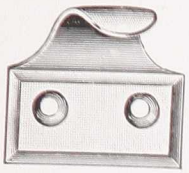
Number	Material	Width of Base Inches	Length of Base Inches	Width of Sash Plate Inches	Projection of Sash Plate Inches	Handle Number	Handle Diameter Inches	For Stools Inches
4928	Bronze	1 3/8	3 1/2	1 1/2	1 3/8	H4928	5/16	8
04928	Steel	1 3/8	3 3/8	1 1/2	1 3/8	H04928	5/16	8

Packed 1 in a box, complete with handle, escutcheons and screws. Twenty-five in a shipping carton. Weight, forty-one pounds.
Specify if less handles are required than adjusters.
Specify Finish on No. 4928. Refer to Page No. 32A for description of finish.

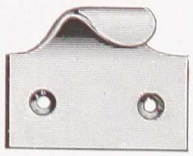
INSTALLATION Nos. 4928 and 04928



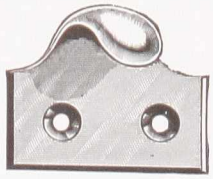
HOOK SASH LIFTS



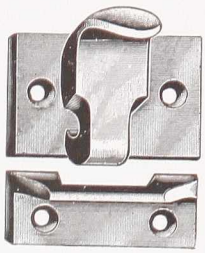
No. 4251
No. 04251



No. 4252
No. 04252



No. 4253



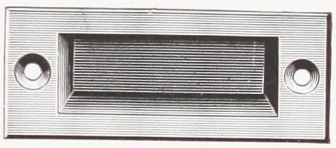
No. 4254
No. 04254

Number	Height Inches	Width Inches	Projection Inches	Material
4251	1 5/16	1 5/8	3/4	Wrought Bronze
04251	1 5/16	1 5/8	3/4	Wrought Steel
4252	1 3/8	1 5/8	7/8	Cast Bronze
04252	1 3/8	1 5/8	7/8	Cast Iron
4253	1 1/2	1 7/8	1 1/16	Cast Bronze
4254	1 5/8	1 7/8	1 1/4	Cast Bronze
04254	1 5/8	1 7/8	1 1/4	Cast Iron

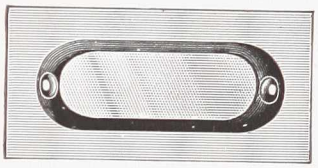
Packed—No. 4251, 3 dozen in a box; Nos. 4252 and 4253, 2 dozen in a box; No. 4254, 1 dozen in a box, with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

FLUSH SASH LIFTS

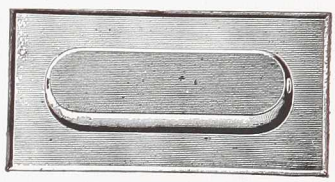
Nos. 4301 and 04301
Wrought



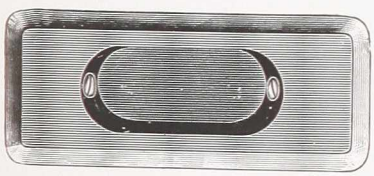
Nos. 4304 and 04304
Type Nos. 4303 and 04303
Cast



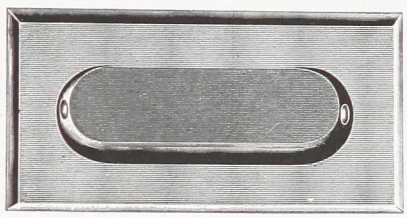
Nos. 4308 and 04308
Wrought



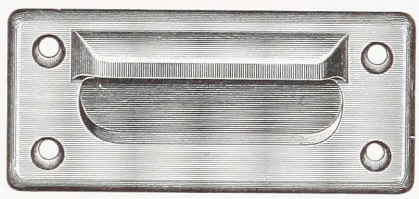
No. 4305
Cast



Nos. 4302 and 04302
Wrought



No. 4306
Cast

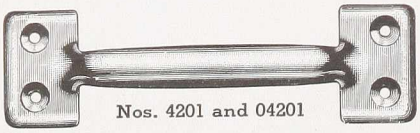


No. 4307
Cast

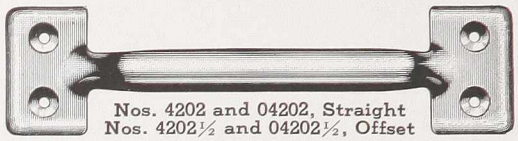
Number	Size, Inches	Cup Height, Width, Depth, Inches	Material
4301	1 5/8x3 1/8	7/8x2 3/8x7/16	Wrought Bronze
04301	1 5/8x3 1/8	7/8x2 3/8x7/16	Wrought Steel
4302	1 1/2x3 1/2	11/16x2 1/8x5/16	Wrought Bronze
04302	1 1/2x3 1/2	11/16x2 1/8x5/16	Wrought Steel
4303	1 x2 7/8	11/16x1 3/4x3/8	Cast Bronze
04303	1 x2 7/8	11/16x1 3/4x3/8	Cast Iron
4304	1 1/4x3	3/4x2 x7/16	Cast Bronze
04304	1 1/4x3	3/4x2 x7/16	Cast Iron
4305	1 5/8x3 1/8	3/4x2 1/4x7/16	Cast Bronze
4306	1 7/8x3 3/4	7/8x2 1/2x7/16	Cast Bronze
4307	1 3/4x4	3/4x2 1/2x1/2	Cast Bronze
4308	1 5/16x3 1/8	7/8x2 3/8x7/16	Wrought Bronze
04308	1 5/16x3 1/8	7/8x2 3/8x7/16	Wrought Steel

Packed—Wrought lifts, 2 dozen in a box. Cast Lifts, 1 dozen in a box. With screws.
For other flush lifts, refer to design section.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

BAR SASH LIFTS



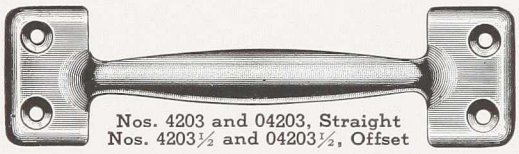
Nos. 4201 and 04201



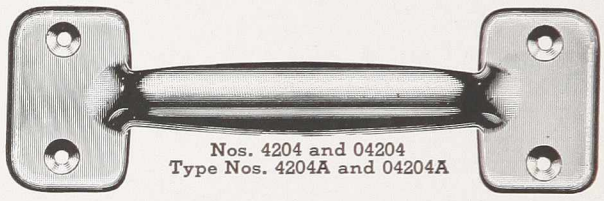
Nos. 4202 and 04202, Straight
Nos. 4202½ and 04202½, Offset

Number	Base, Width Inches	Length Inches	Projection Inches	Description	Material
4201	1 1/8	4	1	Straight	Cast Bronze
04201	1 1/8	4	1	Straight	Cast Iron
4202	1 3/16	4 5/8	1 1/8	Straight	Cast Bronze
04202	1 3/16	4 5/8	1 1/8	Straight	Cast Iron
4202½	1 3/16	4 5/8	1 1/8	Offset	Cast Bronze
04202½	1 3/16	4 5/8	1 1/8	Offset	Cast Iron

Packed 1 dozen in a box, with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.



Nos. 4203 and 04203, Straight
Nos. 4203½ and 04203½, Offset



Nos. 4204 and 04204
Type Nos. 4204A and 04204A

Number	Base, Width Inches	Length Inches	Projection Inches	Description	Material
4203	1 3/8	5	1 5/16	Straight	Cast Bronze
04203	1 3/8	5	1 5/16	Straight	Cast Iron
4203½	1 3/8	5	1 5/16	Offset	Cast Bronze
04203½	1 3/8	5	1 5/16	Offset	Cast Iron
4204	1 3/4	5 1/2	1 1/2	Straight	Cast Bronze
04204	1 3/4	5 1/2	1 1/2	Straight	Cast Iron
4204A	1 3/4	6	1 5/8	Straight	Cast Bronze
04204A	1 3/4	6	1 5/8	Straight	Cast Iron

Packed 1 dozen in a box, with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.

BAR SASH LIFTS

Nos. 4205 and 04205
Offset

Nos. 4206 and 04206
Offset

Number	Base, Width Inches	Length Inches	Projection Inches	Description	Material
4205	1 1/4	4 1/8	1 1/8	Offset	Cast Bronze
04205	1 1/4	4 1/8	1 1/8	Offset	Cast Iron
4206	1 1/8	4 7/8	1 1/4	Offset	Cast Bronze
04206	1 1/8	4 7/8	1 1/4	Offset	Cast Iron

Packed 1 dozen in a box, with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.

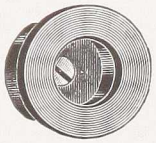
No. 4208
Offset

Nos. 4209 and 04209
Offset

Number	Base, Width Inches	Length Inches	Projection Inches	Description	Material
4208	3/4	4 3/4	1 1/8	Offset	Cast Bronze
4209	1 3/8x3/4	4 5/8	1 1/4	1 1/4	Cast Bronze
04209	1 3/8x3/4	4 5/8	1 1/4	1 1/4	Cast Iron

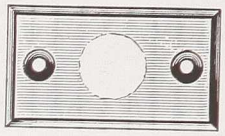
Packed 1 dozen in a box, with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.

SASH PULL SOCKETS



Nos. 4401 and 04401

Nos. 4407 and 04407



Nos. 4405 and 04405

Number	Size, Inches	Material
4401	1	Wrought Bronze
04401	1	Wrought Steel
4405	1 1/8x2	Cast Bronze without back
04405	1 1/8x2	Cast Iron " "
4407	1 5/16x2 5/16	Cast Bronze with back
04407	1 5/16x2 5/16	Cast Iron without back

Packed 3 dozen in a box, with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

SASH POLE HOOKS

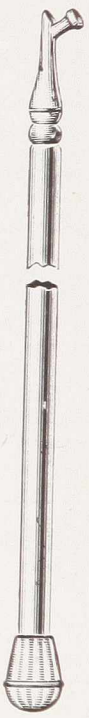
Nos. 4602½-04602½

Nos. 4603-04603

Number	Size Inches	Diameter of Socket Inches	Material
4602½	3 5/8x1 1/4	1	Cast Bronze
04602½	3 5/8x1 1/4	1	Cast Iron
4603	4 3/4x1 1/4	1	Cast Bronze
04603	4 3/4x1 1/4	1	Cast Iron

Packed ½ dozen in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

SASH POLES

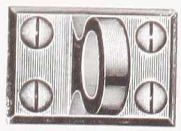


No. 04605 Steel With Hook

Number	Stock Lengths Feet	Diameter Inches	Material
†04605	5–6–8	3/4	Steel

Packed 1 in paper.
Specify Length.
†Finish japanned.

SASH POLE HANGER AND TRANSOM EYE



SASH POLE HANGER

Number	Size Inches	Material
4501	2 3/8 x 1	Cast Bronze
04501	2 3/8 x 1	Cast Iron

Packed 2 dozen in a box, with screws.

Specify Number and Finish. Refer to Page No. 32A for description of finish.

TRANSOM EYE

Number	Base Size Inches	Diameter of Eye Inches	Projection Over All Inches	Material
4505	1 1/16 x 1 9/16	5/8	1 1/4	Cast Bronze
04505	1 1/16 x 1 9/16	5/8	1 1/4	Cast Bronze

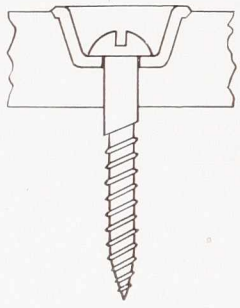
Packed 2 dozen in a box, with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

[Illustrations Full Size]

STOP BEAD SCREWS AND WASHERS

Nos. 4610 and 04610

Nos. 4612 and 04612

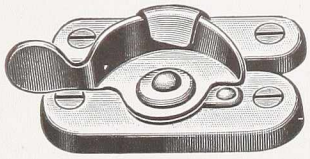


Front and Side View of Nos. 4611, 4611S and 04611 Adjustable Washer

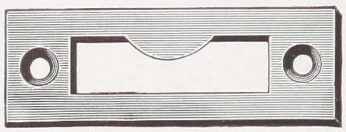
Number	Diameter of Washer, Inches	Size of Screws	Material
4610	5/8	1 1/4 Inch—No. 8	Wrought Bronze
04610	5/8	1 1/4 Inch—No. 8	Wrought Steel
4611	21/32	1 Inch—No. 8	Wrought Bronze
04611	21/32	1 Inch—No. 8	Wrought Steel
4611S	21/32	1 Inch—No. 8	Wrought Bronze Washer and Iron Plated Screw
4612	9/16	1 1/4 Inch—No. 8	Wrought Bronze
04612	9/16	1 1/4 Inch—No. 8	Wrought Steel

Packed 1 gross, screws and washers, in a box.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

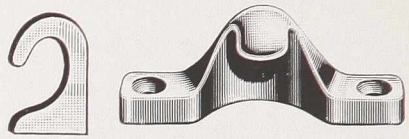
SASH FASTENERS



Nos. 4710 and 04710



Mortise Strike
Can be furnished in place of regular strike with Nos. 4701, 4702 and 4703.

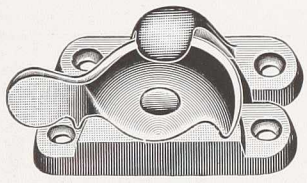


Straight Back Strike
Can be furnished in place of regular strike with Nos. 4701, 4702 and 4703.

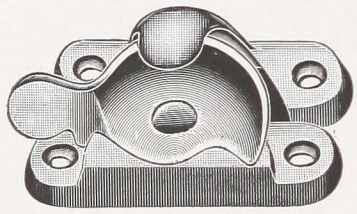
WROUGHT BRONZE, BRASS OR STEEL

Number	Case Length and Width Inches	STRIKE Length and Width Inches	STRIKE Height Inches	Material
4710	2⅝x1	2⅝x11/16	13/16	Wrought Bronze
04710	2⅝x1	2⅝x11/16	13/16	Wrought Steel

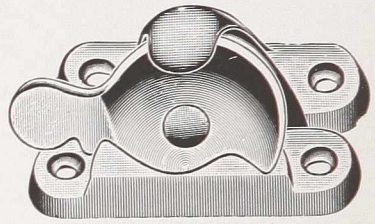
Packed 1 dozen in a box with strikes and screws. Specify Number and Finish. Refer to Page No. 32A for description of finish



Nos. 4701 and 04701



Nos. 4702 and 04702

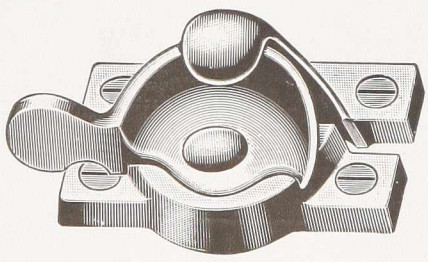


Nos. 4703 and 04703

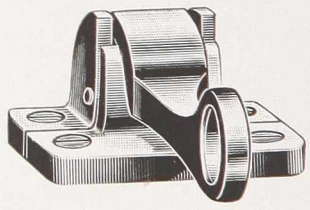
CAST BRONZE, BRASS OR IRON

Number	Case Length and Width Inches	STRIKE Length and Width Inches	STRIKE Height Inches	Material
4701	2½x 7/8	27/16x9/16	1	Cast Bronze
04701	2½x 7/8	27/16x9/16	1	Cast Iron
4702	2¾x1	2½x¾	13/16	Cast Bronze
04702	2¾x1	2½x¾	13/16	Cast Iron
4703	3 x1 1/16	3 x¾	15/16	Cast Bronze
04703	3 x1 1/16	3 x¾	15/16	Cast Iron

Packed 1 dozen in a box with strikes and screws. Specify for mortise strike by suffixing ¼ to number. Specify for straight back strike by suffixing ½ to number. Specify Number and Finish. Refer to Page No. 32A for description of finish.



Nos. 4704 and 04704



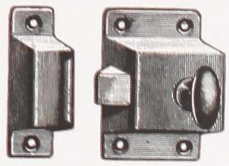
Nos. 4706 and 04706

CAST BRONZE, BRASS OR IRON

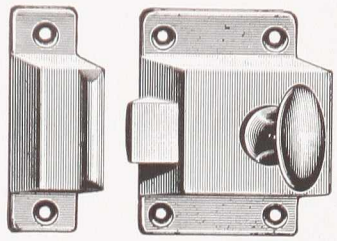
Number	Case Length and Width Inches	STRIKE Length and Width Inches	STRIKE Height Inches	Material
4704	35/16x1 3/16	35/16x 7/8	1½	Cast Bronze
04704	35/16x1 3/16	35/16x 7/8	1½	Cast Iron
***4706**	25/16x 15/16	25/16x15/16	1	Cast Bronze
***04706**	25/16x 15/16	25/16x15/16	1	Cast Iron

Packed 1 dozen in a box with strikes and screws.
*The Nos. 4706 and 04706 have a 3 inch lever with a ⅝ inch hole for pole hook.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CUPBOARD CATCHES AND TURNS



Nos. 5340 and 05340

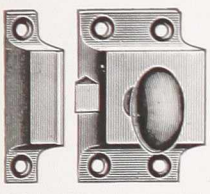


Nos. 5341 and 05341

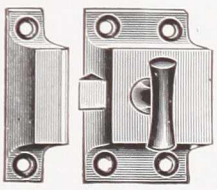
WROUGHT BRONZE, BRASS OR STEEL

Number	Size of Case Without Strike Inches	Throw of Latch Inches	Material
5340	1 7/8x1 3/16	5/16	Wrought Bronze
05340	1 7/8x1 3/16	5/16	Wrought Steel
5341	2 1/8x1 7/16	3/8	Wrought Bronze
05341	2 1/8x1 7/16	3/8	Wrought Steel

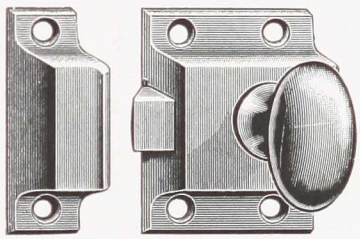
Packed 1 dozen in a box with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.



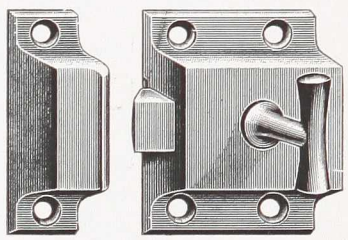
Nos. 5321 and 05321



Nos. 5322 and 05322



Nos. 5331 and 05331

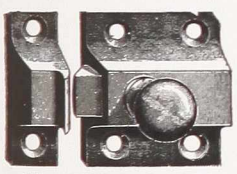


Nos. 5332 and 05332

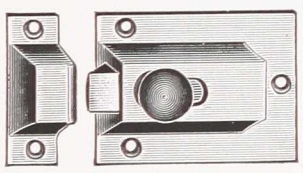
CAST BRONZE, BRASS OR IRON

Number	Size of Case Without Strike Inches	Throw of Bolt Inches	Material
5321	1 3/4x1 1/8	1/4	Cast Bronze
05321	1 3/4x1 1/8	1/4	Cast Iron
5322	1 3/4x1 1/8	1/4	Cast Bronze
05322	1 3/4x1 1/8	1/4	Cast Iron
5331	2 1/4x1 5/8	5/16	Cast Bronze
05331	2 1/4x1 5/8	5/16	Cast Iron
5332	2 1/4x1 5/8	5/16	Cast Bronze
05332	2 1/4x1 5/8	5/16	Cast Iron

Packed 1 dozen in a box with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.

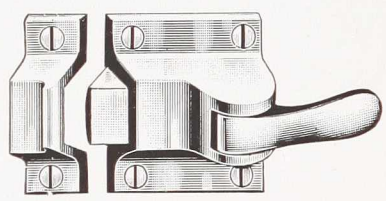


Nos. 5301 and 05301



Nos. 5302 and 05302
Type Nos. 5303 and 05303

Strike for
No. 5312



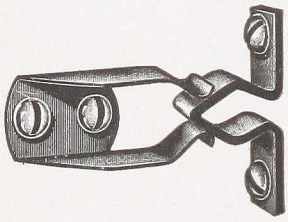
No. 5311
Type No. 5312

CAST BRONZE, BRASS OR IRON

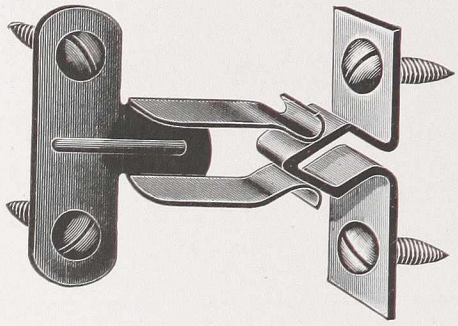
Number	Size of Case Without Strike Length, Width, Inches	Throw or Bolt Inches	Material
5301	15/16x1 7/16	1/4	Cast Bronze
05301	15/16x1 7/16	1/4	Cast Iron
5302	1 1/4x1 7/16	1/4	Cast Bronze
05302	1 1/4x1 7/16	1/4	Cast Iron
5303	1 7/16x1 3/4	5/16	Cast Bronze
05303	1 7/16x1 3/4	5/16	Cast Iron
5311	1 5/8x1 7/16	5/16	Cast Bronze
*5312	1 5/8x1 7/16	5/16	Cast Bronze

Packed 1 dozen in a box with screws. *No. 5312 strike is for 3/8 inch offset door.
Mortise strikes can be furnished on special order. Specify Number and Finish. Refer to Page No. 32A for description of finish.

FRICTION CATCHES



No. 4715



No. 4717
Type of No. 4716
Type of No. 4718

OIL TEMPERED SPRING FRICTION CATCHES

Number	Length Spring and Base Inches	Width Spring Base Inches	Length Strike Base Inches	Width Strike Base Inches	Material
4715	1 3/8 x 1/2	1/2	1 1/4	7/16	Steel
4716	1 1/4 x 3/8	1	1	3/8	Steel
4717	1 1/2 x 1/2	1 3/16	1 1/4	7/16	Steel
4718	2 1/4 x 3/4	1 3/4	1 7/8	5/8	Steel

Packed, Nos. 4715, 4716 and 4718, 3 dozen in a box with screws, No. 4718, 1 dozen in a box with screws.
Finishes—Standard finishes, dull brass and nickel plated. Other finishes on special order at additional price.

MORTISE FRICTION CATCHES

HAGSTROM PATENT

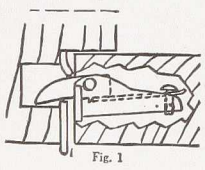


Fig. 1

Figure 1. Showing catch applied to door neatly fitted

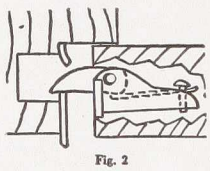


Fig. 2

Figure 2. Showing catch still effective after door has shrunk away from jamb

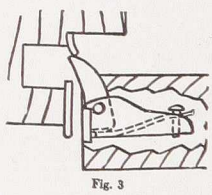
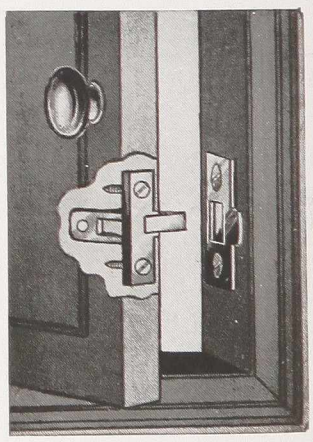


Fig. 3

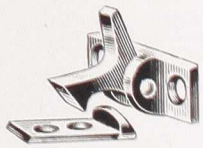
Figure 3. Showing position of latch at moment of closing



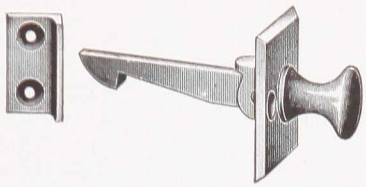
Operates automatically. Dust can not enter, nor can the door rattle, with this catch always pressing the door firmly shut. Is just as effective as the woodwork shrinks. Tends to restore warped doors to normal. For cabinets, casement windows, closet doors, etc.

No. 4720 is especially adapted to use on medicine cabinets, bookcases, switch cabinets, clothes chutes, secret doors; 5/8 to 1 1/8 inches.
No. 4721 for doors 7/8 to 1 1/4 inches.
No. 4722 for French wardrobe and closet doors, 1 1/8 to 1 3/4 inches.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

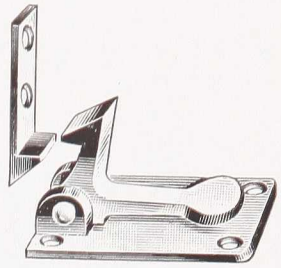
ELBOW CATCHES



Nos. 5351 and 05351
Type of No. 05354



No. 5352

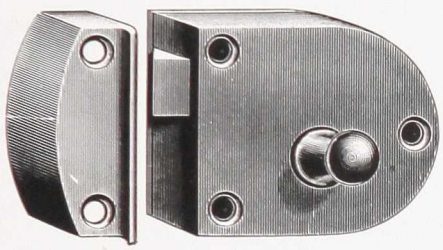


No. 5353

Number	Size of Plate, Inches	Material
5351	5/8x1 1/4	Cast Bronze
05351	5/8x1 1/4	Cast Iron
5352	1 1/4x1 1/4	Cast Bronze
5353	2 1/8x1	Cast Bronze
05354	5/8x1 1/4	Steel, Brass Plated

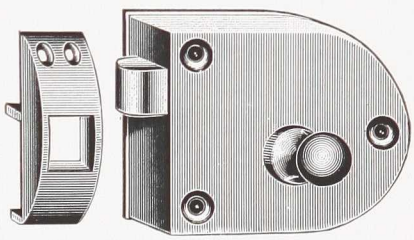
Packed—No. 5351, 3 dozen in a box. Nos. 5552 and 5553, 1 dozen in a box, without screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

SECRET GATE LATCHES



Nos. 5401 and 05401
For Single Acting Gate

REVERSIBLE

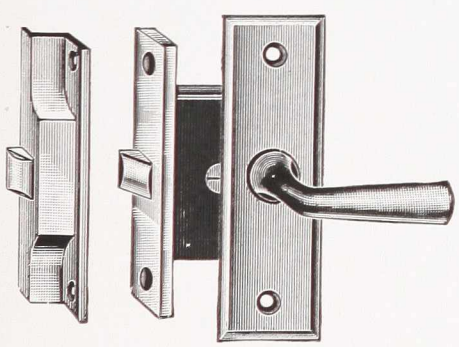


Nos. 5402 and 05402
For Double Acting Gate

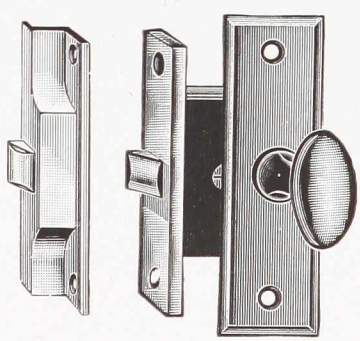
Number	Size of Case, Inches	Description	Material
5401	2x2 1/2x3/4	Single Acting	Cast Bronze
05401	2x2 1/2x3/4	Single Acting	Cast Iron
5402	2x2 1/2x3/4	Double Acting	Cast Bronze
05402	2x2 1/2x3/4	Double Acting	Cast Iron

Packed 1/2 dozen in a box, with screws.
Nos. 5401 or 05401 can be furnished with mortise strike for gates opening out. Send drawing of gate and jamb.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CABINET LATCH SETS



Nos. 5502 and 5502R

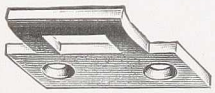


Nos. 5512 and 5512R

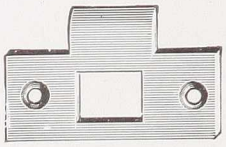
Number	LATCH		TRIM ONE SIDE ONLY		
	Number	Page	Number	Plate, Size, Inches	Material
5502	102	1	2351	3x1	Bronze
5502R	102R	1	2351	3x1	Bronze
5512	102	1	2408 3/4	3x1	Bronze
5512R	102R	1	2408 3/4	3x1	Bronze

Packed 1/2 dozen in a box, with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.

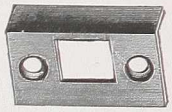
TRANSOM CATCHES



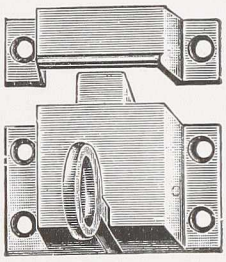
Universal Strike
Furnished with all types of transom catches. Suffix ½ to number.



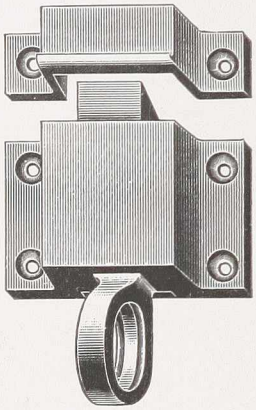
Mortise Strike
Furnished with all types of transom catches. Suffix ¾ to number.



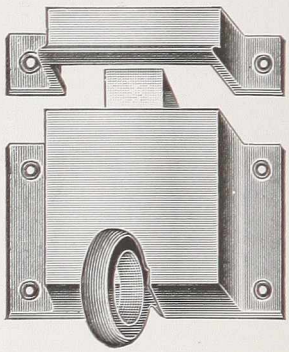
Angle Strike
Furnished with transom catches as designated. Suffix ⅞ to number.



Nos. 5001 and 05001



Nos. 5002 and 05002



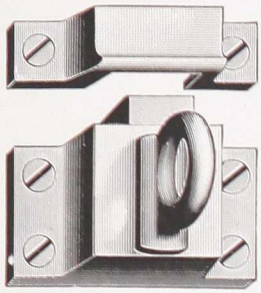
No. M05003

CAST BRONZE, BRASS OR IRON

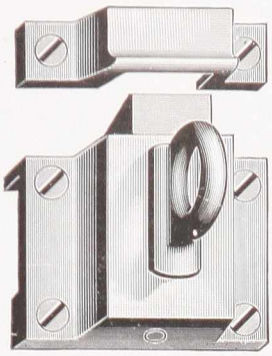
Number	CASE WITHOUT STRIKE		STRIKE	
	Size, Inches	Material	Type	Material
*5001	1 ¼x2 ⅛	Cast Bronze	Rim	Cast Bronze
*05001	1 ¼x2 ⅛	Cast Iron	Rim	Cast Iron
5001 ½	1 ¼x2 ⅛	Cast Bronze	Universal	Wrought Bronze
05001 ½	1 ¼x2 ⅛	Cast Iron	Universal	Wrought Steel
*5002	1 ⅜x2 ¼	Cast Bronze	Rim	Cast Bronze
*05002	1 ⅜x2 ¼	Cast Iron	Rim	Cast Iron
5002 ½	1 ⅜x2 ¼	Cast Bronze	Universal	Wrought Bronze
05002 ½	1 ⅜x2 ¼	Cast Iron	Universal	Wrought Steel
†M05003	1 ⅝x2 ⅝	Malleable Iron	Rim	Malleable Iron
†M05003 ½	1 ⅝x2 ⅝	Malleable Iron	Universal	Malleable Iron

Packed 1 dozen in a box with strikes and screws.
†Nos. M05003 and M05003 ½ have bronze bolts. Check this one for reverse bevel.
*Nos. 5001 and 5002 series can be furnished with reverse bevel and angle strike.
Specify if reverse bevel and mortise or angle strike is required.
Specify number and finish. Refer to Page No. 32A for description of finish.

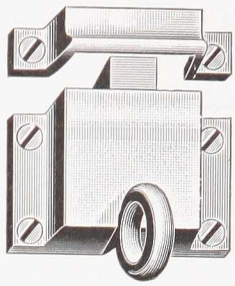
TRANSOM CATCHES



No. 5004
Independent Latch Bolt



No. 5005
Independent Latch Bolt

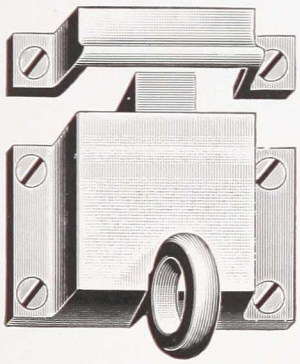


Nos. 5015 and 05015

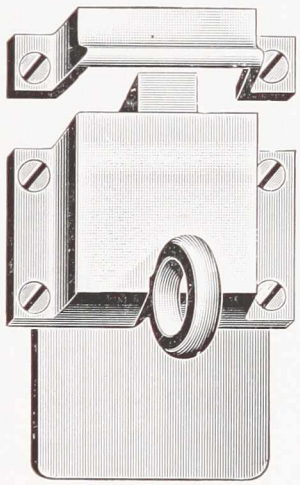
CAST BRONZE, BRASS OR IRON

Number	Case Without Strike		Strike	
	Size, Inches	Material	Type	Material
5004	1¼x2¼	Cast Bronze	Rim	Cast Bronze
5004½	1¼x2¼	Cast Bronze	Universal	Cast Bronze
5005	1¾x2¼	Cast Bronze	Rim	Cast Bronze
5005½	1¾x2¼	Cast Bronze	Universal	Cast Bronze
5015	1¼x2⅛	Cast Bronze	Rim	Cast Bronze
05015	1¼x2⅛	Cast Bronze	Rim	Cast Iron
5015½	1¼x2⅛	Cast Bronze	Universal	Wrought Bronze
05015½	1¼x2⅛	Cast Bronze	Universal	Wrought Steel

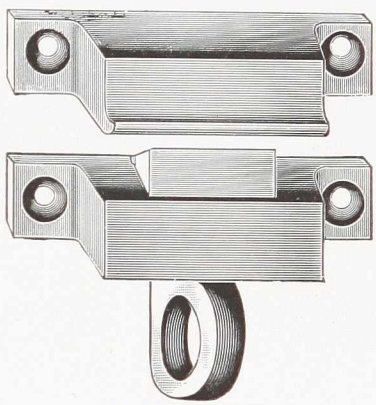
Packed 1 dozen in a box with screws. Specify if reverse bevel and mortise strikes required, see Page No. 206 for strikes. Specify Number and Finish. Refer to Page No. 32A for description of finish.



Nos. 5010 and 05010



Nos. 5014 and 05014
With Apron



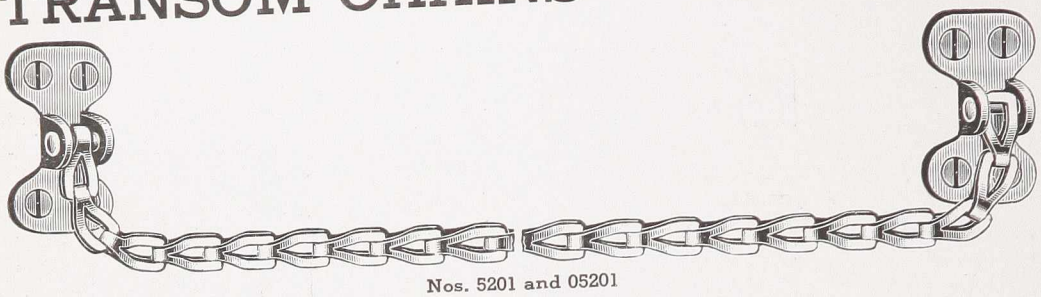
No. 5012

CAST BRONZE, BRASS OR IRON

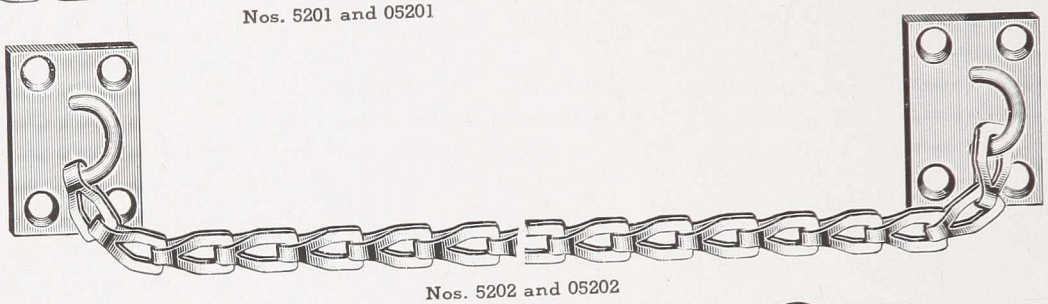
Number	Case Without Strike		Strike	
	Size, Inches	Material	Type	Material
5010	1¾x2¾	Cast Bronze	Rim	Cast Bronze
05010	1¾x2¾	Cast Iron	Rim	Cast Iron
5010½	1¾x2¾	Cast Bronze	Universal	Wrought Bronze
05010½	1¾x2¾	Cast Iron	Universal	Wrought Steel
5014	1¾x4⅛	Cast Bronze	Rim	Cast Bronze
05014	1¾x4⅛	Cast Iron	Rim	Cast Iron
5014½	1¾x4⅛	Cast Bronze	Universal	Wrought Bronze
05014½	1¾x4⅛	Cast Iron	Universal	Wrought Steel
5012	¾x3½	Cast Bronze	Rim	Cast Bronze
5012½	¾x3½	Cast Bronze	Universal	Cast Bronze

Packed 1 dozen in a box with screws. Series 5010 and 5014 can be furnished, reverse bevel.
Specify if reverse bevel and mortise strike are required, see Page No. 206 for strikes.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

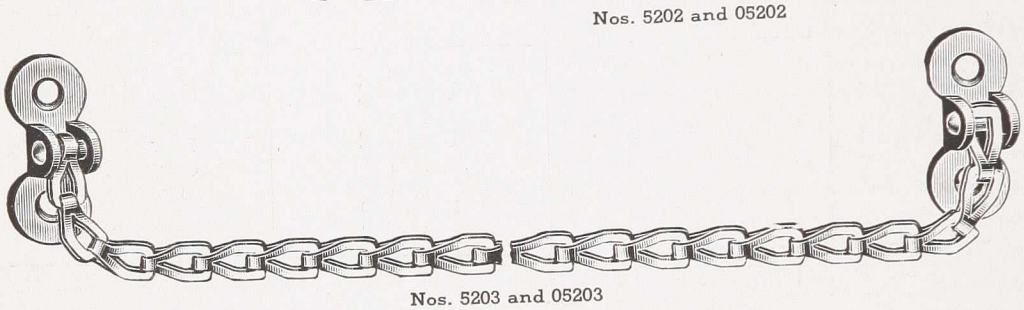
TRANSOM CHAINS



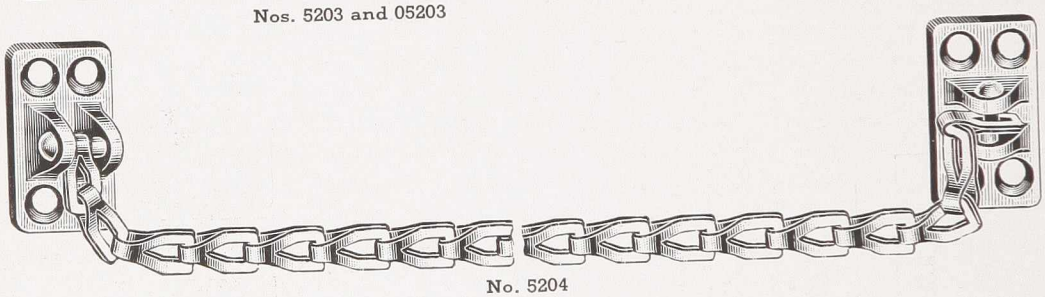
Nos. 5201 and 05201



Nos. 5202 and 05202

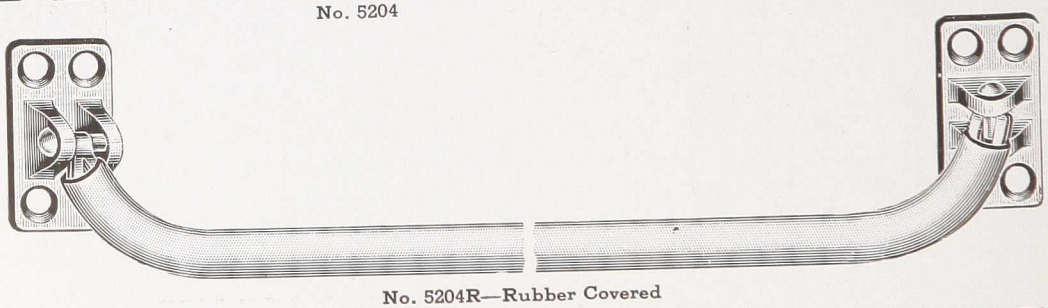


Nos. 5203 and 05203



No. 5204

Snap for ends of all transom chains, where specified.

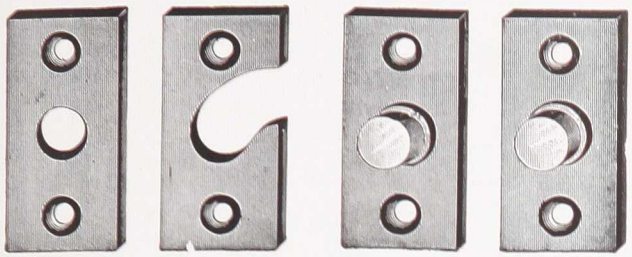


No. 5204R—Rubber Covered

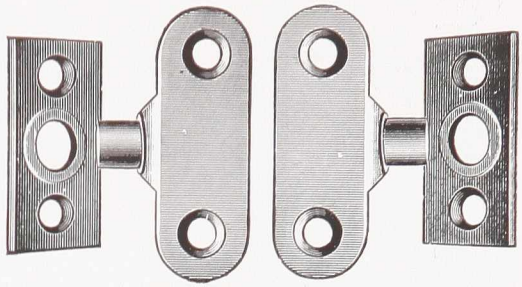
Number	CHAIN				PLATE	
	Length Inches	Tensile Strength	Weight 100 Feet	Material	Size Inches	Material
5201	10-12-15-18	600 Lbs.	7 Lbs.	Wrought Bronze	¾ x ¾	Wrought Bronze
05201	10-12-15-18	600 Lbs.	6½ Lbs.	Wrought Steel	¾ x ¾	Wrought Steel
5202	10-12-15-18	800 Lbs.	11 Lbs.	Wrought Bronze	1¾ x 1¼	Wrought Bronze
05202	10-12-15-18	800 Lbs.	9½ Lbs.	Wrought Steel	1¾ x 1¼	Wrought Steel
5203	10-12-15-18	250 Lbs.	4½ Lbs.	Wrought Bronze	1 13/16 x 1 1/16	Wrought Bronze
05203	10-12-15-18	250 Lbs.	4 Lbs.	Wrought Steel	1 13/16 x 1 1/16	Wrought Steel
5204	12-15-18-24	800 Lbs.	11 Lbs.	Wrought Bronze	1 3/16 x 1	Cast Bronze
5204R	12-15-18-24	800 Lbs.	11 Lbs.	Wrought Bronze	1 3/16 x 1	Cast Bronze

Other types than No. 5204 can be furnished—rubber covered. All types can be furnished with snap on one end. Specify lengths. Strength and weights are approximate. Packed—Nos. 5201, 5202 amd 5203, one dozen in a box. No. 5204 ½ dozen in a box with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.

TRANSOM OR SASH CENTERS



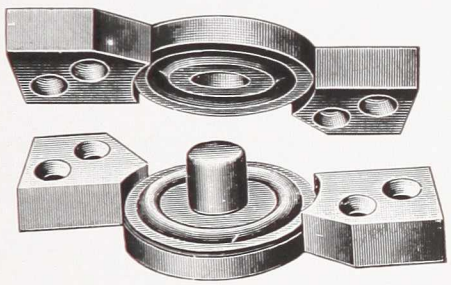
Nos. 5101 and 05101
Type Nos. 5102 and 05102
One Set



Nos. 5103 and 05103
Type Nos. 5104 and 05104
Type Nos. 5105 and 05105
One Set

Number	Size Inches	Center of Pin to Face Inches	Diameter of Pin Inch	Material
5101	2½x1	.....	½	Cast Bronze
05101	2½x1	.....	½	Cast Iron
5102	2⅝x1⅜	.....	9/16	Cast Bronze
05102	2⅝x1⅜	.....	9/16	Cast Iron
5103	2½x ⅞	⅞	⅜	Cast Bronze
05103	2½x ⅞	⅞	⅜	Cast Iron
5104	3⅜x1¼	1⅛	⅝	Cast Bronze
05104	3⅜x1¼	1⅛	⅝	Cast Iron
5105	4⅜x1⅜	1¼	¾	Cast Bronze
05105	4⅜x1⅜	1¼	¾	Cast Iron

Packed—Nos. 5101 to 05105, 1 dozen sets in a box, with screws.



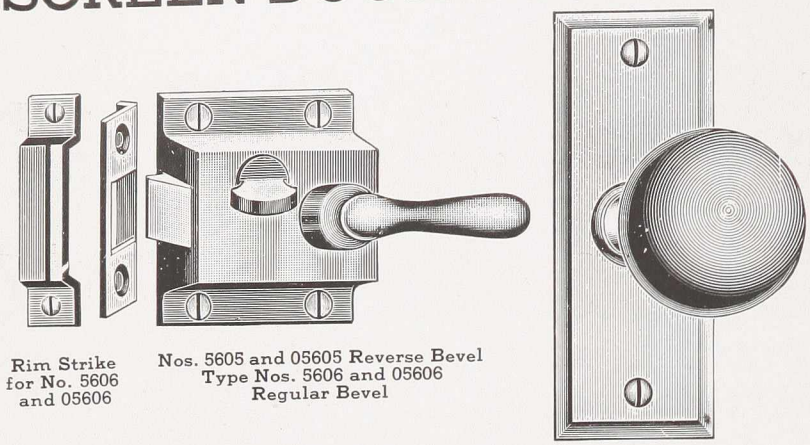
No. 5106—Bronze Steel Bushed
No. 05106—Iron Not Bushed
One-half Set

Nos. 5107 and 05107—Friction Type
One-half Set

Number	Size Inches	*For Sash Thickness Inches	Diameter of Pin Inch	Material
5106A	4 x1⅜	1⅜	7/16	Cast Bronze
05106A	4 x1⅜	1⅜	7/16	Cast Iron
5106B	4 x1⅝	1¾	7/16	Cast Bronze
05106B	4 x1⅝	1¾	7/16	Cast Iron
5106C	4 x1⅞	2	½	Cast Bronze
05106C	4 x1⅞	2	½	Cast Iron
5106D	5 x2	2¼	½	Cast Bronze
05106D	5 x2	2¼	½	Cast Iron
5107A	3¾x1⅜	1⅜	.....	Cast Bronze
05107A	3¾x1⅜	1⅜	.....	Cast Iron
5107B	3¾x1¾	1¾	.....	Cast Bronze
05107B	3¾x1¾	1¾	.....	Cast Iron
5107D	3¾x2¼	2¼	.....	Cast Bronze
05107D	3¾x2¼	2¼	.....	Cast Iron

*Specify thickness of sash.
Packed—No. 5106, ½ dozen sets in a box, with screws. No. 5107, 1/3 dozen sets in a box, with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

SCREEN DOOR LATCH SETS



Rim Strike for No. 5606 and 05606

Nos. 5605 and 05605 Reverse Bevel
Type Nos. 5606 and 05606
Regular Bevel

OPERATION

Latch Bolt, by knob from outside, by lever from inside.

Latch Bolt, locked by turn-knob from inside.

REVERSIBLE

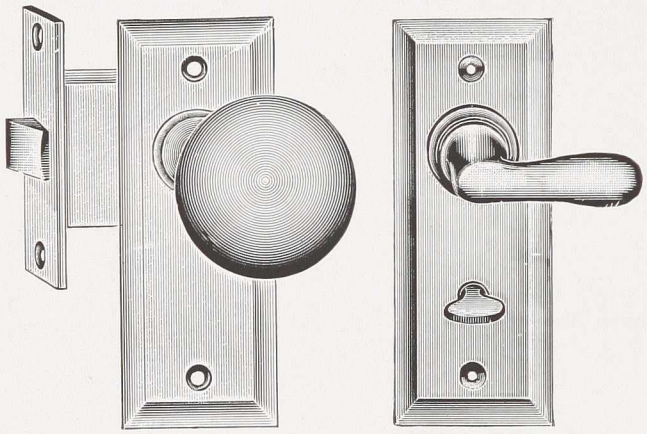
CASE Cast, 2¼x1⅞ inches.

STRIKE Flat angle, wrought. For Nos. 5605 and 05605.
Rim, Cast. For Nos. 5606 and 05606.

BACKSET 1¼ inches.

HUBS Iron for 5/16 spindle.

LATCH 5/16 throw.

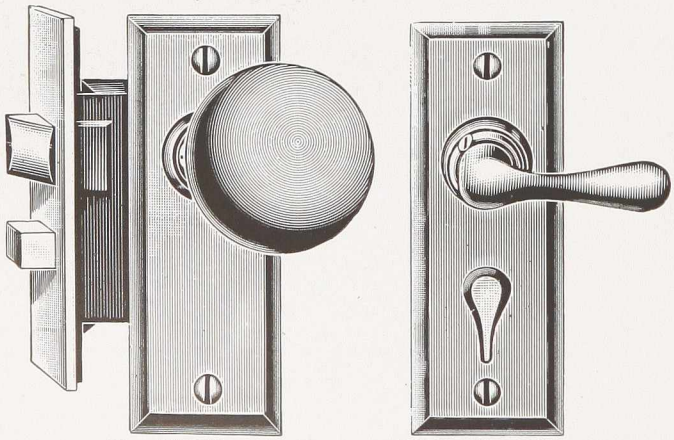


Nos. 5621 Wrought Bronze and 05621 Steel Plated

OPERATION

Latch Bolt, by knob from outside, by lever from inside.

Latch Bolt, locked by turn-knob from inside.



Nos. 5625 Wrought Bronze and 05625 Steel Plated

OPERATION

Latch Bolt, by knob from outside, by lever from inside.

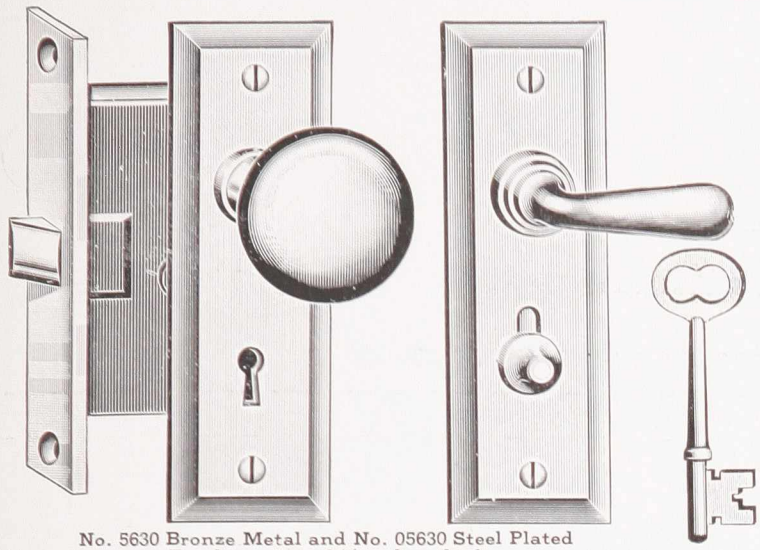
Dead Bolt, by turn-knob from inside.

FOR DOOR ⅞ TO 1⅜ INCHES THICK

Set Number	LATCH		TRIM			
	Number	Page	Knob	*Lever	Escutcheon Inches	Material
5605	108RB	Description Above	2111¾	2303	4x1½	Wrought Bronze
05605	109RB		02111¾	02303	4x1½	Wrought Steel
5606	108		2111¾	2303	4x1½	Wrought Bronze
05606	109		02111¾	02303	4x1½	Wrought Steel
5621	104	1	2111¾	2303	4x1½	Wrought Bronze
05621	103	1	02111¾	02303	4x1½	Wrought Steel
5625	107	1	2111¾	2303	4x1½	Wrought Bronze
05625	106	1	02111¾	02303	4x1½	Wrought Steel

*All levers are Cast Bronze or Cast Iron with standard spindle mounting. Packed each set in a box, complete with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.

SCREEN DOOR LATCH SETS

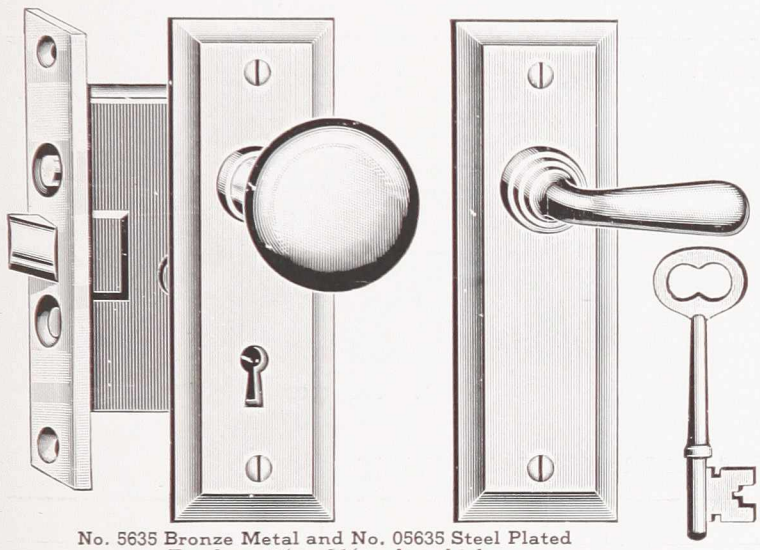


No. 5630 Bronze Metal and No. 05630 Steel Plated
For doors 7/8 to 1 5/8 inches thick

LATCH
CASE Japanned iron, 3x2 1/4x 1/2 inches.
FRONT Cast bronze or steel, 4 1/4x1 11/16 in.
BOLT Cast bronze.
BACKSET 1 5/8 inches.
SPACING 1 3/4 inches.
HUB Cast Bronze, for 5/16 inch spindle.
KEYS Two, steel.

TRIM
KNOB Wrought bronze or steel, 1 3/4 in.
LEVER Cast bronze or iron, 1 3/4 inches.
LEVER Protection, 1 1/4 inches.
ESCUTCHEONS Wrought bronze or steel, 4x1 1/2 inches.

OPERATION
Latch Bolt, by knob from outside and lever inside. Knob and lever locked from inside by slide stop, but can be operated by key when locked by stop.
Specify Number and Finish. Refer to Page No. 32A for finishes.
Packed each in a box, complete with screws.

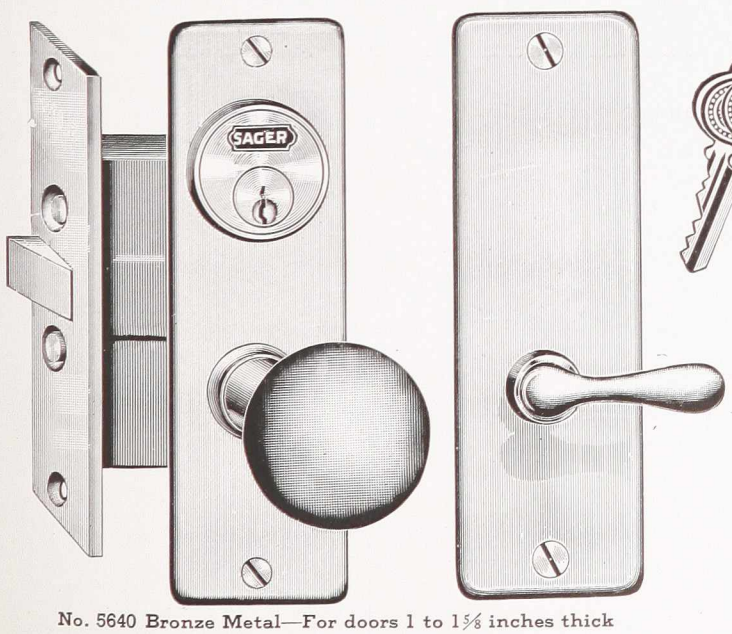


No. 5635 Bronze Metal and No. 05635 Steel Plated
For doors 7/8 to 1 5/8 inches thick

LATCH
CASE Japanned iron, 3x2 1/4x 1/2 inches.
FRONT Cast bronze or steel, 4 1/4x1 11/16 in.
BOLTS Cast bronze.
BACKSET 1 5/8 inches.
SPACING 1 3/4 inches.
HUB Cast bronze for 5/16 inch spindle.
KEYS Two, steel.

TRIM
KNOB Wrought bronze or steel, 1 3/4 in.
LEVER Cast bronze or iron, 1 3/4 inches.
LEVER Projection, 1 1/4 inches.
ESCUTCHEONS Wrought bronze or steel, 4x1 1/2 inches.

OPERATION
Latch Bolt, by knob from outside and lever inside. Outside knob is locked by stops in front. Operated by key when locked by stop.



No. 5640 Bronze Metal—For doors 1 to 1 5/8 inches thick

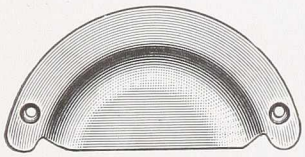
LATCH
CASE Japanned iron, 3x2 1/4x 1/2 inches.
FRONT Cast bronze, 4 5/8x7/8 inches.
BOLTS Cast Bronze.
BACKSET 1 5/8 inches.
SPACING 1 3/4 inches.
HUB Cast bronze for 5/16 inch spindle.
KEYS Three, No. 1888.

TRIM
KNOB Wrought bronze, 1 3/4 in.
LEVER Cast bronze, 1 3/4 inches.
LEVER Projection, 1 1/4 inches.
ESCUTCHEONS Two, 5 1/2x1 1/2 inches.

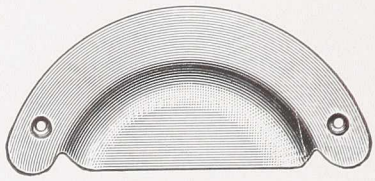
OPERATION
Latch Bolt, by knob from outside and lever inside. Outside knob is locked by stops in front. Operated by key when locked by stop.

MASTER KEYING
Can be master keyed with any other cylinder using Key Class 88.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Packed each in a box, complete with screws.

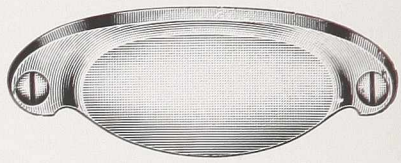
DRAWER PULLS



Nos. 5801 and 05801



Nos. 5802 and 05802
Types Nos. 5803 and 05803

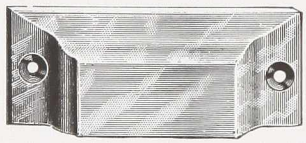


No. 5808

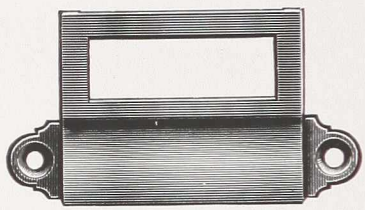
WROUGHT BRONZE, BRASS OR STEEL DRAWER PULLS

Number	Size, Inches	Clearance, Inches	Projection, Inches	Material
5801	1 3/8x3	1 1/16	3/4	Wrought Bronze
05801	1 3/8x3	1 1/16	3/4	Wrought Steel
5802	1 1/2x3 1/4	3/4	7/16	Wrought Bronze
05802	1 1/2x3 1/4	3/4	7/16	Wrought Steel
5803	1 1/2x3 7/8	3/4	7/16	Wrought Bronze
05803	1 1/2x3 7/8	3/4	7/16	Wrought Steel
5808	1 5/16x3 3/4	5/8	3/4	Wrought Bronze
05808	1 5/16x3 3/4	5/8	3/4	Wrought Steel

Packed 2 dozen in a box with screws. Specify Number and Finish.
Refer to Page No. 32A for description of finish.



Nos. 5805 and 5806



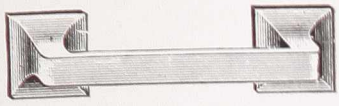
Nos. 5807 and 05807

CAST BRONZE, BRASS OR IRON DRAWER PULLS

Number	Size, Inches	Clearance, Inches	Projection, Inches	Material
5805	1 x2 3/4	5/8	3/4	Cast Bronze
5806	1 x3 1/2	5/8	3/4	Cast Bronze
5807	1 3/4x3 1/4	1/2	3/4	Cast Bronze
05807	1 3/4x3 1/4	1/2	3/4	Cast Iron

Packed 2 dozen in a box with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

DRAWER PULLS



Nos. 5811 and 5812

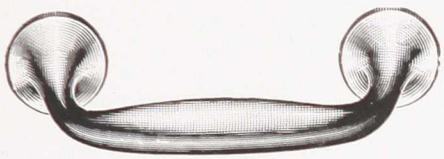
No. 5817

Nos. 5813 and 05813
Offset

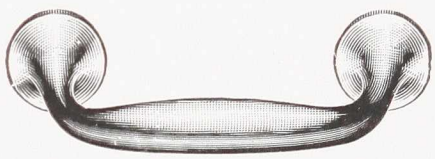
CAST BRONZE, BRASS OR IRON DRAWER PULLS

Number	Size Inches	Clearance Inches	Projection Inches	Centers of Screws	Material
5811	3/4x3	13/16	1 1/16	2 1/4	Cast Bronze
5812	3/4x4	13/16	1 1/16	3 1/4	Cast Bronze
5813	7/8x4	7/8	1 1/4	3 5/16	Cast Bronze
05813	7/8x4	7/8	1 1/4	3 5/16	Cast Iron
5817	5/8x4	3/4	1	3 1/2	Cast Bronze

Packed 2 dozen in a box with 1 inch x 8-32 RH iron machine screws and washers.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



Nos. 5814 and 05814
Straight



Nos. 5816 and 05816
Offset

CAST BRONZE, BRASS OR IRON DRAWER PULLS

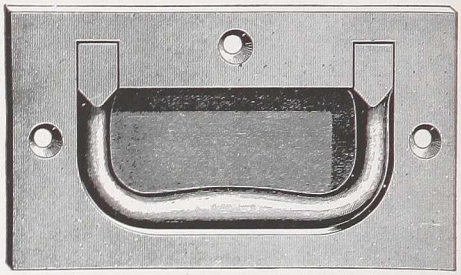
Number	Size Inches	Clearance Inches	Projection Inches	Centers of Screws	Material
5814	1 x4 1/8	1	1 3/8	3/4	Cast Bronze
05814	1 x4 1/8	1	1 3/8	3/4	Cast Iron
5816	7/8x4	5/8	1 1/8	3 1/8	Cast Bronze
05816	7/8x4	5/8	1 1/8	3 1/8	Cast Iron

Packed 2 dozen in a box with 1 inch x 8-32 RH iron machine screws and washers.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

FLUSH DROP HANDLE PULLS

No. 5901
Type No. 5902
Type No. 5903

No. 5904

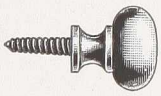


No. 5905

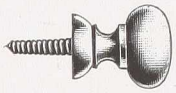
Number	Size	Material
5901	1 ¼x1 inches	Cast Bronze
5902	1 ½x1 ¼ inches	Cast Bronze
5903	1 ¾x1 ½ inches	Cast Bronze
5904	1 ⅝x3 ¼ inches	Cast Bronze
5905	2 ¼x4 ¼ inches	Cast Bronze

Packed 1 dozen in a box with screws.
For flush cup handles, refer to Page No. 134.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

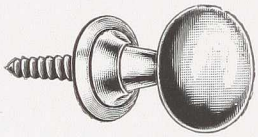
SHUTTER KNOBS



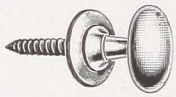
No. 6001



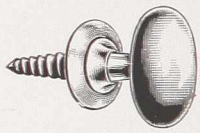
No. 6002



Nos. 6003 to 6005



No. 6006



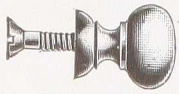
No. 6007

Number	Size	Description	Material
6001	¾ inch	Round	Cast Bronze
6002	⅞ inch	Round	Cast Bronze
6003	1 inch	Round	Cast Bronze
6004	1 ¼ inches	Round	Cast Bronze
6005	1 ½ inches	Round	Cast Bronze
6006	⅞ inch	Oval	Cast Bronze
6007	1 ⅛ inches	Oval	Cast Bronze

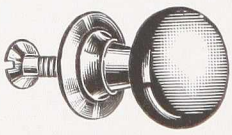
Packed 1 dozen in a box.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

DRAWER KNOBS

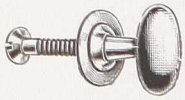
No. 6001D



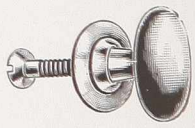
No. 6002D



Nos. 6003D to 6005D



No. 6006D

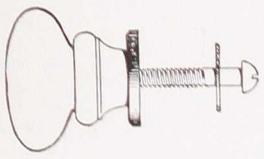


No. 6007D

Number	Size	Description	Material
6001D	¾ inch	Round	Cast Bronze
6002D	⅞ inch	Round	Cast Bronze
6003D	1 inch	Round	Cast Bronze
6004D	1 ¼ inches	Round	Cast Bronze
6005D	1 ½ inches	Round	Cast Bronze
6006D	⅞ inch	Oval	Cast Bronze
6007D	1 ⅛ inches	Oval	Cast Bronze

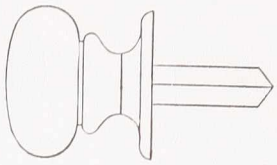
Nos. 6001D, 6002D, 6003D and 6006D are packed with 1"-10/24 RH iron machine screws and washers, others with 1 ½"-10/24.
Packed 2 dozen in a box with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

GLASS DRAWER AND TURN KNOBS

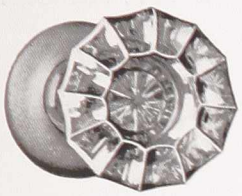


Drawer Knob

No. EF6201 ¼D
No. EF6201 ¾D

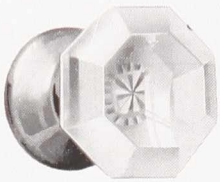


Turn Knob



No. JF6201 ¼D
No. JF6201 ¾D

No. PF6201 ¼D
No. PF6201 ¾D

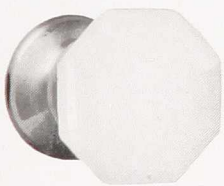


No. D6201 ¼D
No. D6201 ¾D

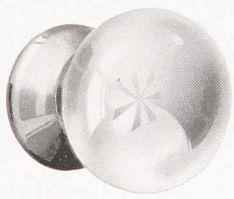
No. R6201 ¼D
No. R6201 ¾D

Number	Size, Inches	Projection Inches	Material Base and Rose	Description
EF6201 ¼D	1 ¼	2	Cast Bronze	Rope, clear glass, fire polished
EF6201 ¾D	1 ¾	2 ¼	Cast Bronze	Rope, clear glass, fire polished
JF6201 ¼D	1 ¼	2	Cast Bronze	Fluted, clear glass, fire polished
JF6201 ¾D	1 ¾	2 ¼	Cast Bronze	Fluted, clear glass, fire polished
PF6201 ¼D	1 ¼	1 ½	Cast Bronze	Round, clear glass, fire polished
PF6201 ¾D	1 ¾	1 ¾	Cast Bronze	Round, clear glass, fire polished
D6201 ¼D	1 ¼	1 ½	Cast Bronze	Octagon, clear glass, polished
D6201 ¾D	1 ¾	1 ¾	Cast Bronze	Octagon, clear glass, polished
R6201 ¼D	1 ¼	1 ¾	Cast Bronze	Round, opal glass, polished
R6201 ¾D	1 ¾	2	Cast Bronze	Round, opal glass, polished

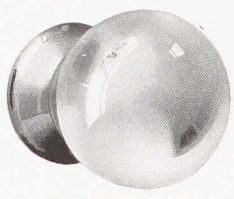
All glass drawer knobs packed 1 dozen in a box with 1 ½ inch x 10-24 RH Iron machine screws and washers.
Turn knobs—any of above drawer knobs can be furnished with 3/16 inch or 5/16 inch spindle and No. 2011 rose. Suffix "TP" in place of "D" and specify size and length of spindle.
Note—For side view of any of above knobs, see door knobs Pages No. 123-124 with corresponding prefixed letter.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



No. S6201 ¼D
No. S6201 ¾D



No. L6201 ¼D
No. L6201 ¾D

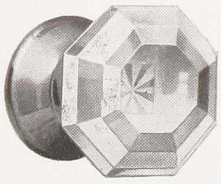


No. G6201 ¼D
No. G6201 ¾D

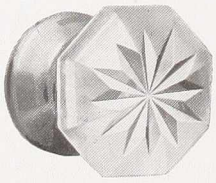
Number	Size, Inches	Projection Inches	Material Base and Rose	Description
S6201 ¼D	1 ¼	1 ¾	Cast Bronze	Octagon, opal glass, polished
S6201 ¾D	1 ¾	2	Cast Bronze	Octagon, opal glass, polished
L6201 ¼D	1 ¼	1 ¾	Cast Bronze	Round, clear glass, polished
L6201 ¾D	1 ¾	2	Cast Bronze	Round, clear glass, polished
G6201 ¼D	1 ¼	1 ¾	Cast Bronze	Ball, clear glass, polished
G6201 ¾D	1 ¾	2	Cast Bronze	Ball, clear glass, polished

All glass drawer knobs, packed 1 dozen in a box, with 1 ½ inch x 10-24 RH Iron machine screws and washers.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Note—For side view of any of above knobs, see door knobs Pages No. 123-124 with corresponding prefixed letter.
Turn knobs—any of above drawer knobs can be furnished with 3/16 inch or 5/16 inch spindle and No. 2011 rose. Suffix "TP" in place of "D" and specify size and length of spindle.

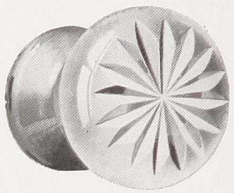
GLASS DRAWER AND TURN KNOBS



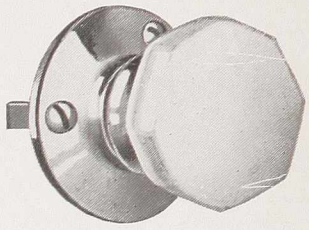
No. M6201¼D
No. M6201¾D



No. H6201¼D
No. H6201¾D



No. K6201¼D
No. K6201¾D

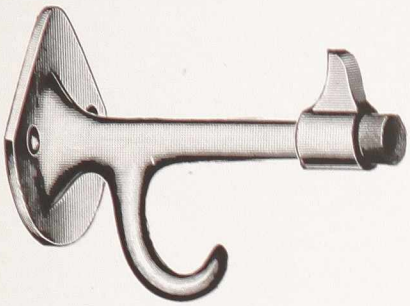


Showing No. 2011 Cast Bronze Rose and 3/16 Spindle of Turn Knobs

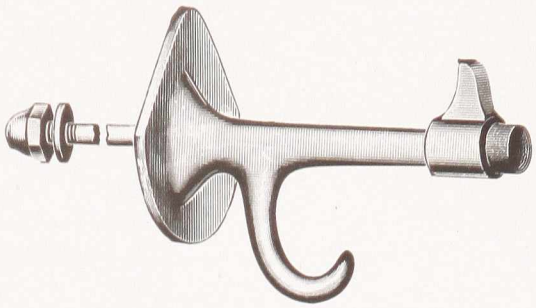
Number	Size, Inches	Projection Inches	Material Base and Rose	Description
M6201¼D	1¼	1½	Cast Bronze	Octagon, clear glass, cut
M6201¾D	1¾	1¾	Cast Bronze	Octagon, clear glass, cut
H6201¼D	1¼	1½	Cast Bronze	Octagon, clear glass, cut
H6201¾D	1¾	1¾	Cast Bronze	Octagon, clear glass, cut
K6201¼D	1¼	1½	Cast Bronze	Octagon, clear glass, cut
K6201¾D	1¾	1¾	Cast Bronze	Octagon, clear glass, cut

All glass drawer knobs packed 1 dozen in a box with 1½ inch x 10-24 RH Iron machine screws and washers.
Note—For side view of any of above knobs, see door knobs Pages No. 123-124 with corresponding prefixed letter.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
Turn knobs—any of above drawer knobs can be furnished with 3/16 inch or 5/16 inch spindle and No. 2011 rose. Suffix "TP" in place of "D" and specify size and length of spindle.

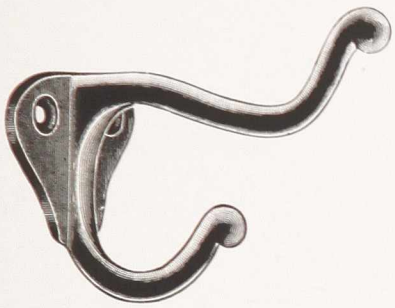
COAT AND HAT HOOKS



No. 6301

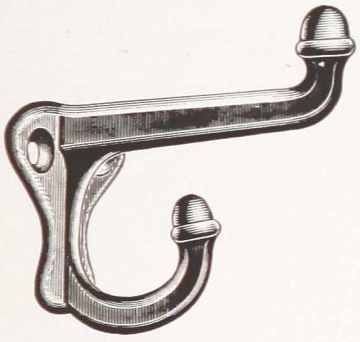


No. 6301½
See Note Below



Nos. 6302 and 06302

Nos. 6303 and 06303



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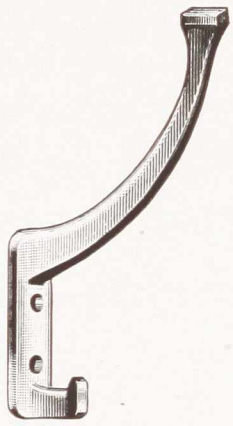
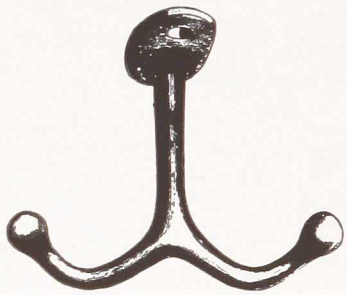


No. 06307



Nos. 6304 and 06304

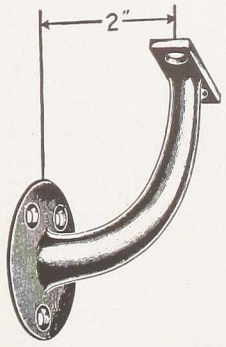
CAST BRONZE, BRASS OR IRON

Number	Base Size, Inches	Projection Inches	Height Over All, Inches	Material
6301	2⅛x1¾	3¾	2⅞	Cast Bronze
6301½	2⅛x1¾	3¾	2⅞	Cast Bronze
6302	1⅝x1⅜	3⅛	2¾	Cast Bronze
06302	1⅝x1⅜	3⅛	2¾	Cast Iron
6303	1⅝x1½	3	3¾	Cast Bronze
06303	1⅝x1½	3	3¾	Cast Iron
6304	1¾x ⅞	3½	2½	Cast Bronze
06304	1¾x ⅞	3½	2½	Cast Iron
06306	1⅝x1¾	3	3	Cast Iron
06307	2½x ¾	3½	5¾	Cast Iron

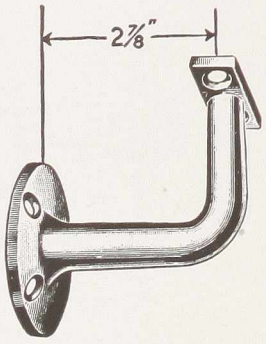
Packed—Nos. 6301 and 6301½, 1 dozen in a box. Balance 2 dozen, with screws.
When ordering No. 6301½ hook be sure to specify thickness of partition.
All types of hooks can be furnished in enameled finishes. See Price Book.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

[Illustrations One-half size]

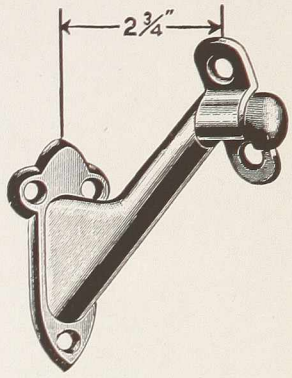
HAND RAIL BRACKETS



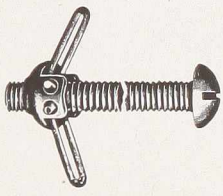
Nos. 6401 and 06401



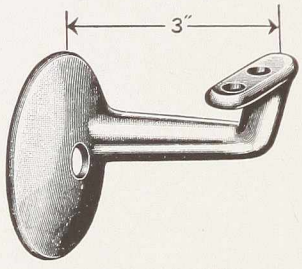
Nos. 6402 and 06402



Nos. 6403 and 06403

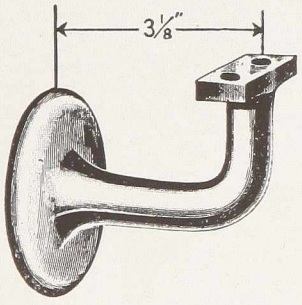


½ Inch Togglebolt
Packed With Nos. 6405 and 06405
Specify Length or
Thickness of Wall



Nos. 6406 and 06406
Type Nos. 6404 and 06404
Type Nos. 6405 and 06405

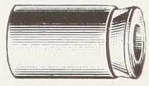
½x3 Inch Lag Screw and Shield
Packed With Nos. 6404 and 06404



Nos. 06407 and 06409

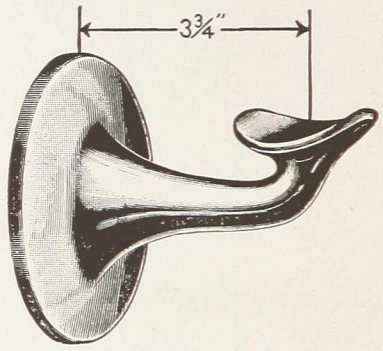
½"x4"x13 Thread Machine Bolt
Furnished With 06407 and 06408
Head End To Be In Wall and
Threaded End Extended

Nos. 06409 and 06410
½" Stud Bolt
Furnished on Special
Order Only



Expansion Shield
For Stud Bolt

For Nos. 06409 and 06410



Nos. 06408 and 06410
For 2½ Inch Rail

CAST BRONZE, BRASS OR IRON

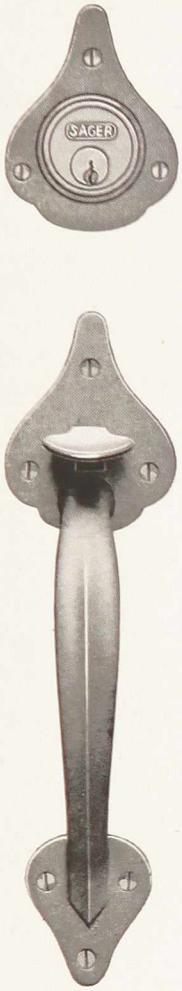
Number	Base Size, Inches	Projection Inches	*Height Inches	Material
6401	2¼	2	2½	Cast Bronze
06401	2¼	2	2½	Cast Iron
6402	2¼	2⅞	2½	Cast Bronze
06402	2¼	2⅞	2½	Cast Iron
6403	3x1¼	2¾	1½	Cast Bronze
06403	3x1¼	2¾	1½	Cast Iron
6404	3	3	1¼	Cast Bronze
06404	3	3	1¼	Mal. Iron
6405	3	3	1¼	Cast Bronze
06405	3	3	1¼	Mal. Iron
6406	3	3	1¼	Cast Bronze
06406	3	3	1¼	Mal. Iron
†06407	3	3⅛	1½	Cast Iron
†06408	4	3¾	¾	Cast Iron
06409	3	3⅛	1½	Cast Iron
06410	4	3¾	¾	Cast Iron

*Distance given is from center of base to underside of rail. Projection is distance from back of base to center of rail.
Packed—No. 06408, 3 in a box. All other types, 6 in a box.
†Nos. 06407 and 06408 are drilled, tapped and furnished with ½"x4"x13 thread standard machine bolt. Other length bolts furnished by specifying. Specify Number and Finish. Refer to Page No. 32A for description of finishes.

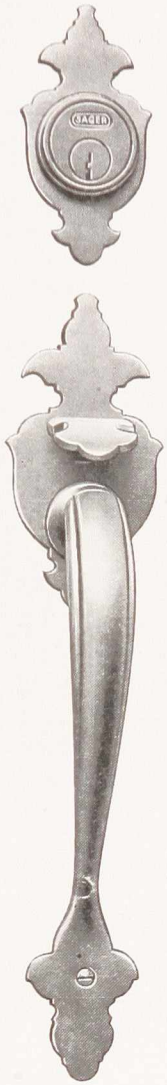
SAGER Locks

ENTRANCE DOOR HANDLE SETS

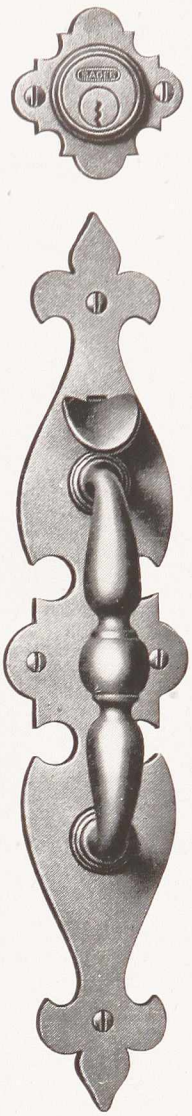
CAST BRONZE OR BRASS



No. VD91
Van Dyke Design



No. WL92
Wenlock Design



No. PM92
Plymouth Design

Set Numbers		Handle Number	Size Over All Inches	Grip Number	Projection Inches	Cylinder Plate		Thumb Piece Plate Inches	Lower Plate Inches
Two Handles	One Handle					Number	Inches		
Lock No. 584 Page No. 61	Lock No. 630 Page No. 54								
VD91584	***VD91630**	VD91	14½x2⅝	VD3991	2⅛	VD1991	3¼x2⅝	3¼x2⅝	1⅞
WL92584	***WL92630**	WL92	16 x2¼	WL3991	2¼	WL1991	3¾x1⅞	4½x2½	1⅝
PM92584	***PM92630**	PM92	16½x2¾	PM3990	2¾	PM1991	2½x2½	13⅛x2¾	.....

Packed each set in a box, complete with screws.

*Outside Trim—½ pair handles. Inside Trim—Wrought bronze knob, rose and turn knob. Other inside wrought trim can be substituted at no additional price. Cast trim at difference in price.

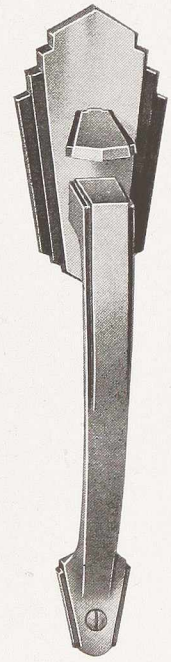
Specify thickness of doors

These handles can be used with other locks having a lift type of operation on the latch bolt.

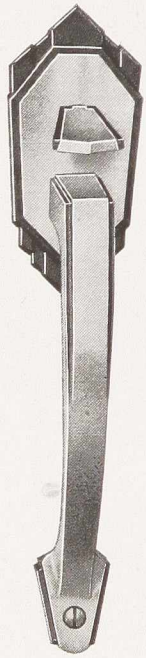
Specify Number and Finish. Refer to Page No. 32A for description of finish.

ENTRANCE DOOR HANDLE SETS

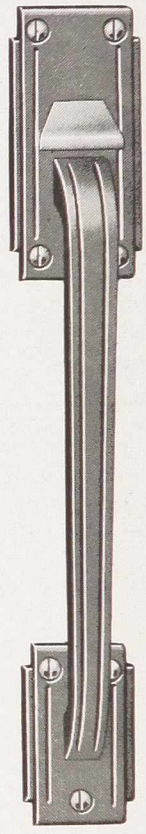
CAST BRONZE OR BRASS



No. CT91
Cortez Design



No. EH91
Elkhart Design



No. NB92
Newberne Design

Set Numbers		Handle Number	Size Over All Inches	Grip Number	Projection Inches	Cylinder Plate		Thumb Piece Plate Inches	Lower Plate Inches
Two Handles Lock No. 584 Page No. 61	One Handle Lock No. 630 Page No. 54					Number	Inches		
CT91584	***CT91630**	CT91	14¼x2⅜	CT3991	2	CT1991	3 x2¾	4⅛x2¼	1⅛ Wide
EH91584	***EH91630**	EH91	14¼x1⅞	EH3991	2	EH1991	3¼x1⅞	4¼x1⅞	1⅛ Wide
NB92584	***NB92630**	NB92	16½x2 3/16	NB3992	2½	NB1991	2⅞x2 3/16	3⅞x1⅞	2½x1⅝

Packed each set in a box, complete with screws.

*Outside trim—½ pair handles, Inside trim—wrought bronze knob, rose and turn knob. Other inside wrought trim can be substituted at no additional price. Cast trim at difference in price.

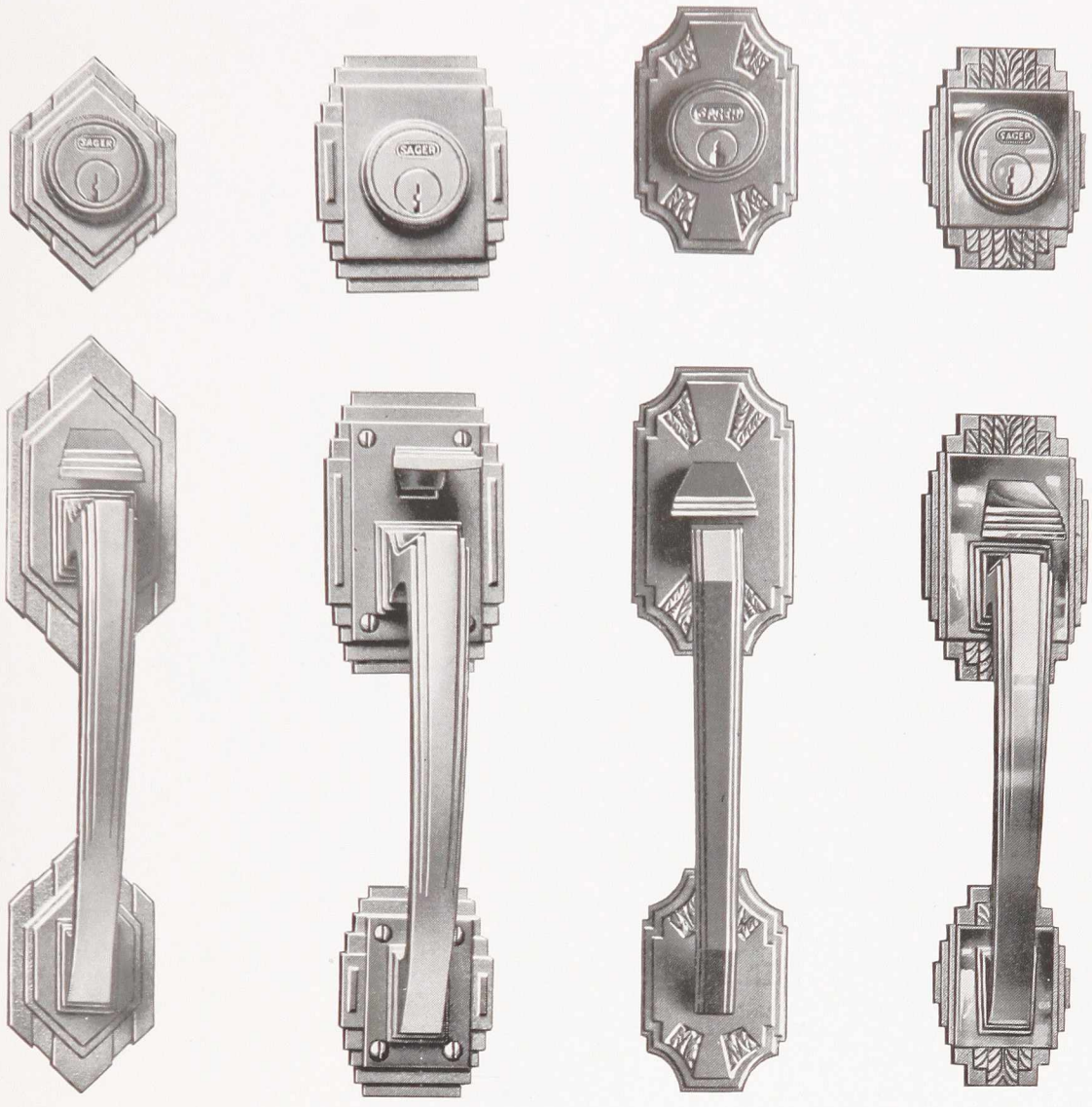
Specify thickness of doors.

These handles can be used with other locks having a lift type of operation on the Latch Bolt.

Specify Number and Finish. Refer to Page No. 32A for description of finish.

ENTRANCE DOOR HANDLE SETS

CAST BRONZE OR BRASS



No. CA92
Cromart Design

No. SG92
Sago Design

No. LN92
Lino Design

No. PB92
Pinebro Design

Set Numbers		Handle Number	Size Over All Inches	Grip Number	Projection Inches	Cylinder Plate		Thumb Piece Plate Inches	Lower Plate Inches
Two Handles Lock No. 584 Page No. 61	One Handle Lock No. 630 Page No. 54					Number	Inches		
CA92584	***CA92630**	CA92	16 x2½	CA3991	2⅝	CA1991	3¼x2½	4⅞x2½	3½x2⅛
SG92584	***SG92630**	SG92	15¾x2⅝	SG3991	2⅝	SG1991	3¼x2⅝	4 x2⅝	3 x2¼
LN92584	***LN92630**	LN92	16 x2¼	LN3991	2⅝	LN1991	3½x2¼	4¼x2¼	3¼x2⅛
PB92584	***PB92630**	PB92	15¾x2½	PB3991	2⅝	PB1991	3¼x2½	4 x2½	3 x2⅛

Packed each set in a box, complete with screws.

*Outside trim—½ pair handles, Inside trim—wrought bronze knob, rose and turn knob. Other inside wrought trim can be substituted at no additional price. Cast trim at difference in price.

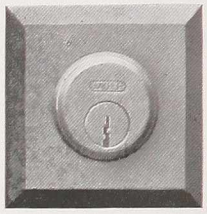
Specify thickness of doors.

These handles can be used with other locks having a lift type of operation on the Latch Bolt.

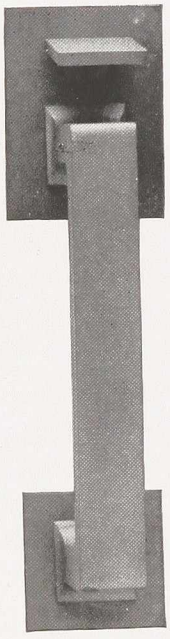
Specify Number and Finish. Refer to Page No. 32A for description of finish.

ENTRANCE DOOR HANDLE SETS

CAST BRONZE OR BRASS



No. RW91
No. RW-92
Rockwood Design



No. TP91
Tampico Design

No. PN91
Putnam Design

No. PN92
Putnam Design

Set Numbers		Handle Number	Size Over All Inches	Grip Number	Projection Inches	Cylinder Plate		Thumb Piece Plate Inches	Lower Plate Inches
Two Handles	One Handle					Number	Inches		
Lock No. 584 Page No. 61	Lock No. 630 Page No. 54								
RW91584	***RW91630**	RW91	14¼x2½	3920	2½	RW1991	2¼x2½	2¼x2½	2⅛x2⅜
RW92584	***RW92630**	RW92	15¼x2½	3921	2½	RW1991	2¼x2½	2¼x2½	2⅛x2⅜
TP91584	***TP91630**	TP91	14½x2¼	3957	2⅝	TP1991	2¼x2¼	3⅛x2¼	2 x2
PN91584	***PN91630**	PN91	14¼x2¼	3916	2¾	PN1991	2 x2	2½x2¼	2 x2
PN92584	***PN92630**	PN92	15¾x2¾	3918	2⅝	PN1992	2¾x2¾	2¾x2¾	2¼x2¼

Packed each set in a box, complete with screws.

*Outside trim—½ pair handles. Inside trim—Wrought bronze knob, rose and turn knob. Other inside wrought trim can be substituted at no additional price. Cast trim at difference in price.

Specify thickness of doors.

These handles can be used with other locks having a lift type of operation on the latch bolt.

Specify Number and Finish. Refer to Page No. 32A for description of finish.

ENTRANCE DOOR HANDLE SETS

CAST BRONZE OR BRASS

No. TR-92
Tyrone Design

No. CR-91
Cornwall Design

No. CR-92
Cornwall Design

No. YT-92
Yorktown Design

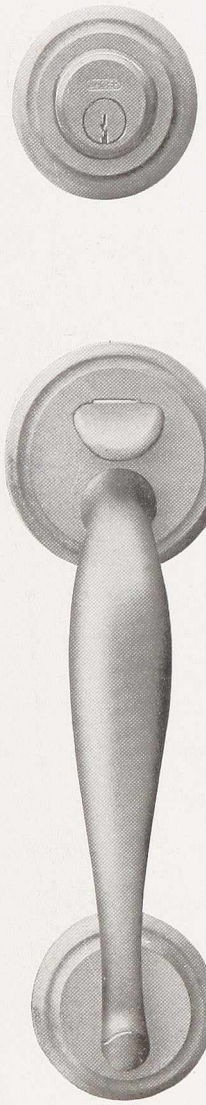
No. RL-91
Raleigh Design

Set Numbers		Handle Number	Size Over All Inches	Grip Number	Projection Inches	Cylinder Plate		Thumb Piece Plate Inches	Lower Plate Inches
Two Handles	One Handle					Number	Inches		
Lock No. 584 Page 61	Lock No. 630 *Page 54								
TR92584	***TR92630**	TR92	15 x2¼	3955	2¾	TR1991	2¼	2⅛	1⅝
CR91584	***CR91630**	CR91	13¾x2⅝	3922	2½	CW1991	2⅜	2⅝	1⅝
CR92584	***CR92630**	CR92	15¼x2⅝	3917	2⅝	CR1991	2⅜	2⅝	1⅝
RL91584	***RL91630**	RL91	15½x2⅛	3910A	2½	RL1991	3⅛x1⅞	4x2⅛	2⅜x1⅜
YT92584	***YT92630**	YT92	15¼x2⅞	3918	2⅝	YT1991	2½	2⅞	1¾

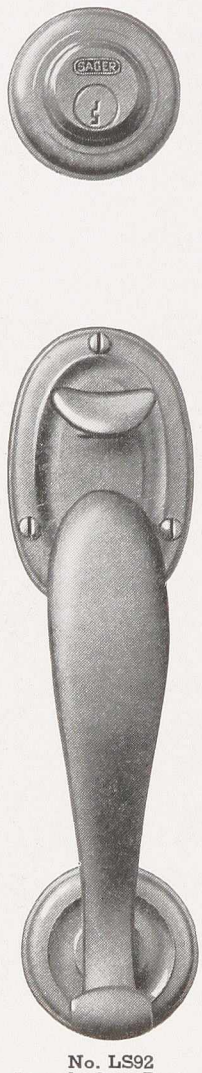
*Outside Trim—½ pair handles. Inside Trim—wrought bronze knob, rose and turn knob. Other inside wrought trim can be substituted at no additional price. Cast trim at difference in price.
Packed each set in a box, complete with screws.
Specify thickness of doors.
These handles can be used with other locks having a lift type of operation on the Latch Bolt.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

ENTRANCE DOOR HANDLE SETS

CAST BRONZE OR BRASS



No. ST92
Stockton Design



No. LS92
Lincolnshire Design

No. MF91
Mayfair Design

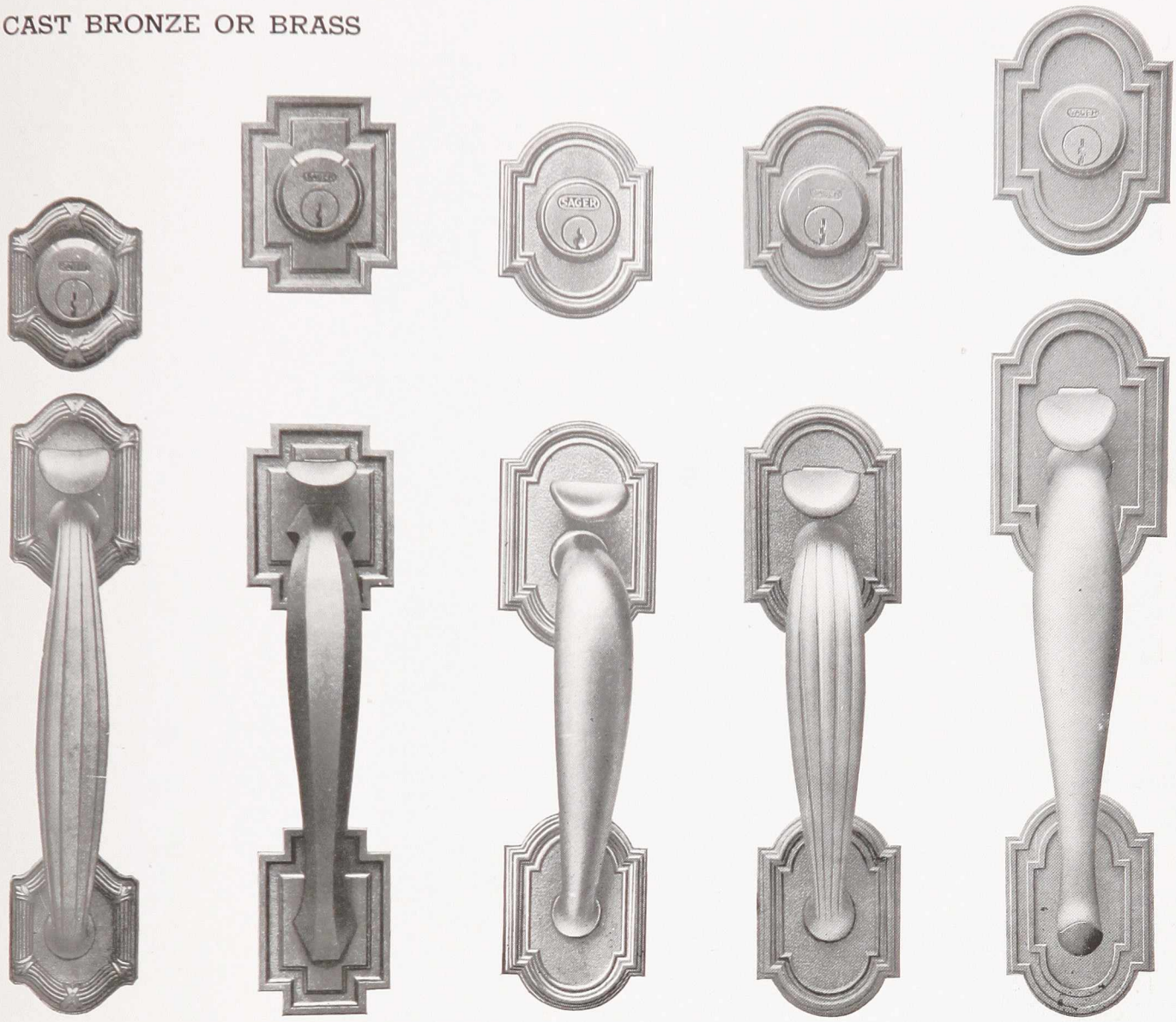
No. VN92
Vernon Design

Set Numbers		Handle Number	Size Over All Inches	Grip Number	Projection Inches	Cylinder Plate		Thumb Piece Plate Inches	Lower Plate Inches
Two Handles	One Handle					Number	Inches		
Lock No. 584 Page No. 61	Lock No. 630 Page No. 54								
ST92584	***ST92630**	ST92	16 x3¼	3918	2¾	ST1991	2⅝	3¼	2⅝
LS92584	***LS92630**	LS92	15½x2⅝	3918	2⅝	LS1991	2⅜	4 x2⅝	2⅜
MF91584	***MF91630**	MF91	15 x2½	3956	2½	MF1991	2½x2	3¼x2½	2½x2
VN92584	***VN92630**	VN92	15¼x2½	3911	2⅜	VN1991	3⅜x2½	4 x2½	3¼x1½

Packed each set in a box, complete with screws.
*Outside Trim—½ pair handles. Inside Trim—Wrought bronze knob, rose and turn knob. Other inside wrought trim can be substituted at no additional price. Cast trim at difference in price.
Specify thickness of doors.
These handles can be used with other locks having a lift type of operation on the latch bolt.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

ENTRANCE DOOR HANDLE SETS

CAST BRONZE OR BRASS



No. PV93
No. PV94
Pelvoux Design

No. RD92
Rhodes Design

No. WS90
Windsor Design

No. WS91
Windsor Design

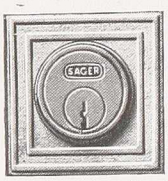
No. RM92
Richmond Design

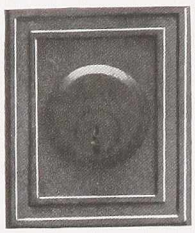
Set Numbers		Handle Number	Size Over All Inches	Grip Number	Projection Inches	Cylinder Plate		Thumb Piece Plate Inches	Lower Plate Inches
Two Handles	One Handle								
Lock No. 584 Page No. 61	Lock No. 630 Page No. 54					Number	Inches		
PV93584	***PV93630**	PV93	16¼x2⅜	3905	2¼	PV1991	2⅞x2⅜	3½x2⅜	2⅞x2⅜
PV94584	***PV94630**	PV94	18¼x2⅜	3906	2½	PV1991	2⅞x2⅜	3½x2⅜	2⅞x2⅜
RD92584	***RD92630**	RD92	16¼x2½	3921	2¾	RD1991	3⅛x2½	3⅛x2½	3⅛x2½
WS90584	***WS90630**	WS90	15⅜x2½	3910	2½	WS1991	3¼x2½	3⅞x2½	3¼x2⅜
WS91584	***WS91630**	WS91	15⅜x2½	3911	2½	WS1991	3¼x2½	3⅞x2½	3¼x2⅜
RM92584	***RM92630**	RM92	17 x2⅞	3918	2⅝	RM1991	4 x2⅞	4⅝x2⅞	3⅝x2½

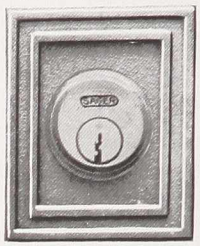
Packed each set in a box, complete with screws.
*Outside trim—½ pair handles. Inside trim—Wrought bronze knob, rose and turn knob. Other inside wrought trim can be substituted at no additional price. Cast trim at difference in price.
Specify thickness of doors.
These handles can be used with other locks having a lift type of operation on the latch bolt.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

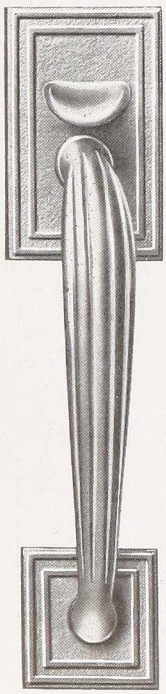
ENTRANCE DOOR HANDLE SETS

CAST BRONZE, OR BRASS

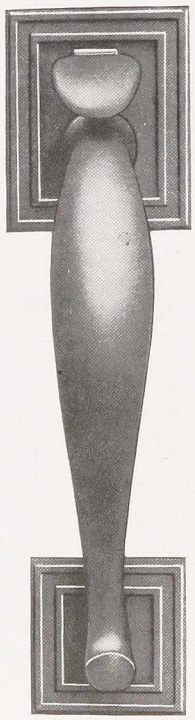




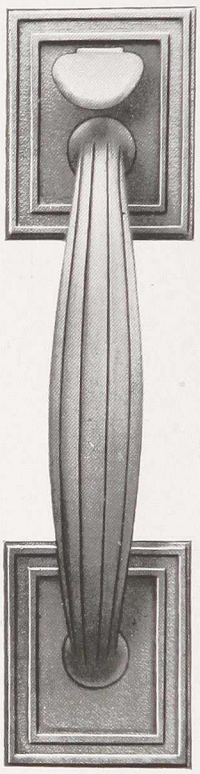




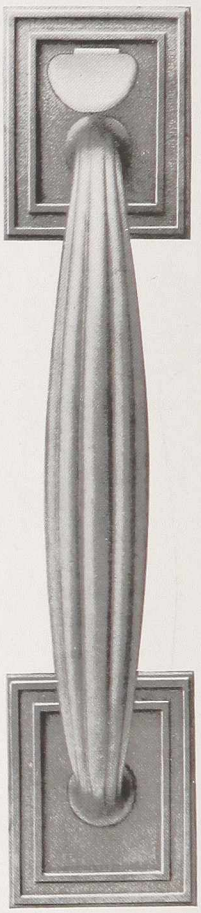
No. RF91
Redfield Design



No. RF92
Redfield Design



No. RF93
Redfield Design



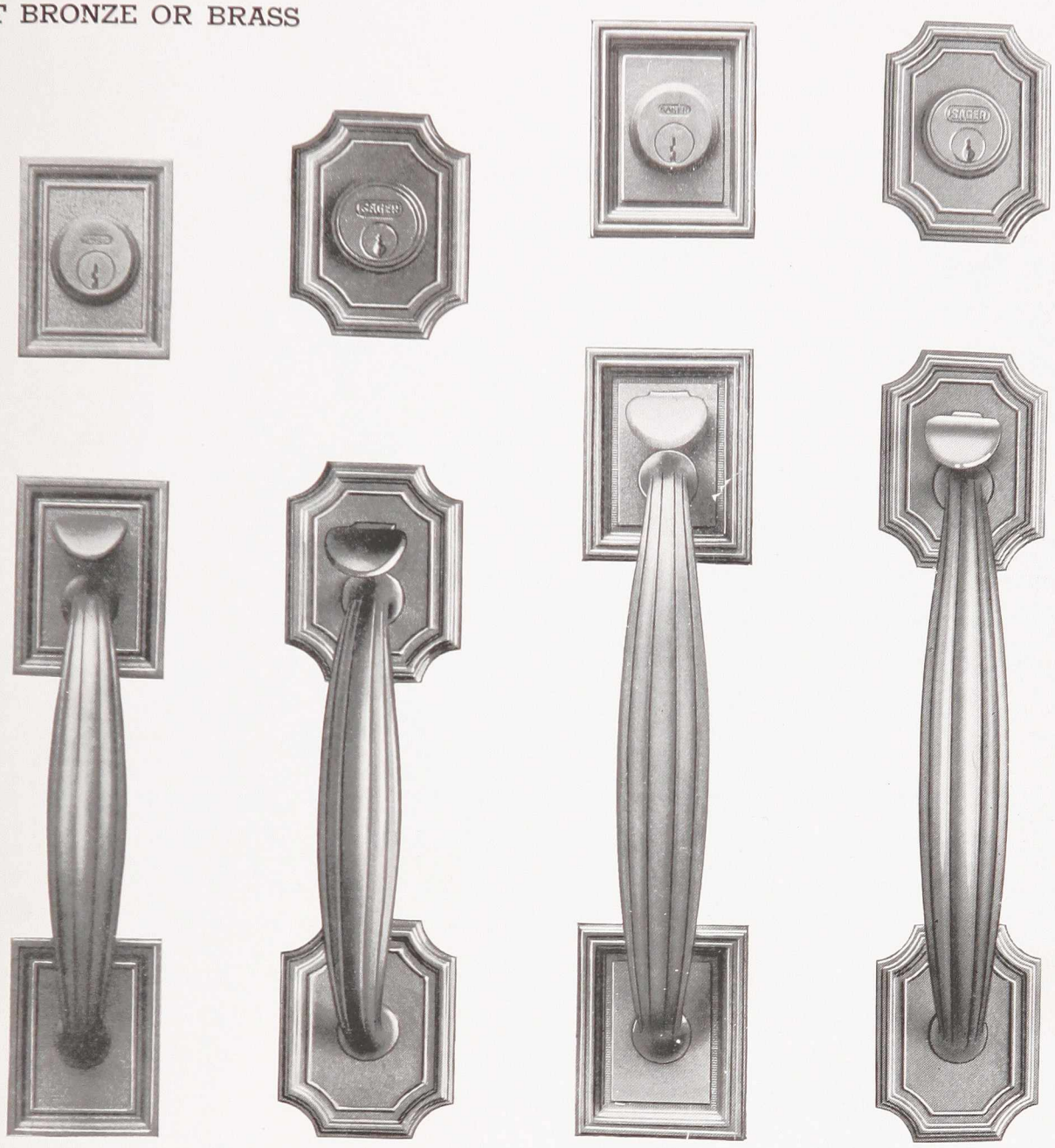
No. RF94
Redfield Design

Set Numbers		Handle Number	Size Over All Inches	Grip Number	Projection Inches	Cylinder Plate		Thumb Piece Plate Inches	Lower Plate Inches
Two Handles	One Handle					Number	Inches		
Lock No. 584 Page No. 61	Lock No. 630 Page No. 54								
RF91584	***RF91630**	RF91	15 x2 3/8	3950	2 1/2	RF1991	2 3/8x2 3/8	3 5/8x2 3/8	2 x2
RF92584	***RF92630**	RF92	16 x2 5/8	3918	2 5/8	RF1992	3 1/4x2 5/8	3 1/4x2 5/8	2 3/8x2 3/8
RF93584	***RF93630**	RF93	16 1/2x2 5/8	3905	2 1/4	RF1992	3 1/4x2 5/8	3 1/4x2 5/8	2 3/8x2 3/8
RF94584	***RF94630**	RF94	18 1/2x2 5/8	3906	2 3/8	RF1992	3 1/4x2 5/8	3 1/4x2 5/8	2 3/8x2 3/8

Packed each set in a box, complete with screws.
*Outside trim—½ pair handles. Inside trim—Wrought bronze knob, rose and turn knob. Other inside wrought trim can be substituted at no additional price. Cast trim at difference in price.
Specify thickness of doors.
These handles can be used with other locks having a lift type of operation on the latch bolt.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

ENTRANCE DOOR HANDLE SETS

CAST BRONZE OR BRASS



No. EX93 Essex Design

No. SD93 Sheldon Design

No. EX94 Essex Design

No. SD94 Sheldon Design

Set Numbers		Handle Number	Size Over All Inches	Grip Number	Projection Inches	Cylinder Plate		Thumb Piece Plate Inches	Lower Plate Inches
Two Handles Lock No. 584 Page No. 61	One Handle Lock No. 630 Page No. 54					Number	Inches		
EX93584	***EX93630**	EX93	16⅜x2⅝	3905	2¼	EX1991	3¼x2⅝	3¼x2⅝	3¼x2⅝
EX94584	***EX94630**	EX94	18⅜x2⅝	3906	2⅜	EX1991	3¼x2⅝	3¼x2⅝	3¼x2⅝
SD93584	***SD93630**	SD93	16¾x2¾	3905	2¼	SD1991	3½x2¾	3½x2¾	3½x2¾
SD94584	***SD94630**	SD94	18¾x2¾	3906	2⅜	SD1991	3½x2¾	3½x2¾	3½x2¾

Packed each set in a box, complete with screws.
*Outside trim—½ pair handles, Inside trim—wrought bronze knob, rose and turn knob. Other inside wrought trim can be substituted at no additional price. Cast trim at difference in price.
Specify thickness of doors. These handles can be used with other locks having a lift type of operation on the Latch Bolt.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

ENTRANCE DOOR HANDLE SETS

CAST BRONZE OR BRASS

No. HK92
Haskel Design

No. HP92
Hesper Design

No. VA92
Valencia Design

No. BD92
Baden Design

Set Numbers		Handle Number	Size Over All Inches	Grip Number	Projection Inches	Cylinder Plate		Thumb Piece Plate Inches	Lower Plate Inches
Two Handles	One Handle					Number	Inches		
Lock No. 584 Page No. 61	Lock No. 630 Page No. 54								
HK92584	***HK92630**	HK92	16⅝x2¾	.....	2⅜	HK1991	3¼x2½	2¾ wide	1½ wide
HP92584	***HP92630**	HP92	16⅜x3	.....	2½	HP1991	3 x3	2½ wide	1⅝ wide
VA92584	***VA92630**	VA92	15¼x2½	.....	2⅛	VA1991	3 x2	2½ wide	2⅛ wide
BD92584	***BD92630**	BD92	18 x2¼	BD3990	2¼	BD1991	4⅜x2¼	4⅞x2¼	1½ wide

Packed each set in a box, complete with screws.
*Outside trim—½ pair handles. Inside trim—Wrought bronze knob, rose and turn knob. Other inside wrought trim can be substituted at no additional price. Cast trim at difference in price.
Specify thickness of doors.
These handles can be used with other locks having a lift type of operation on the latch bolt.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

ENTRANCE DOOR HANDLE SETS

CAST BRONZE OR BRASS

No. MD92
Modisto Design

No. RO92
Rionido Design

No. PG92
Pilgrim Design

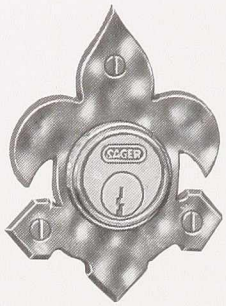
No. HH92
Hazelhurst Design

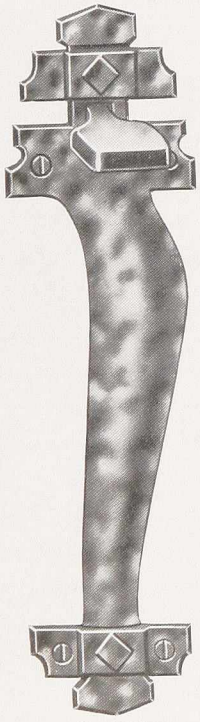
Set Numbers		Handle Number	Size Over All Inches	Grip Number	Projection Inches	Cylinder Plate		Thumb Piece Plate Inches	Lower Plate Inches
Two Handles	One Handle					Number	Inches		
Lock No. 584 Page No. 61	Lock No. 630 Page No. 54								
MD92584	***MD92630**	MD92	15¾x2⅛	MD3990	2⅛	MD1991	3¾x2⅛	4 x2⅛	1⅝ wide
RO92584	***RO92630**	RO92	15¾x2¼	RO3990	2⅛	RO1991	3¾x2⅛	4 x2⅛	1⅝ wide
PG92584	***PG92630**	PG92	16½x2¾	PG3990	2¾	PG1991	2½x2½	13⅛x2¾	.....
HH92584	***HH92630**	HH92	18⅛x2⅞	HH3990	2¼	HH1991	3½x2¼	3¾x2⅞	2 wide

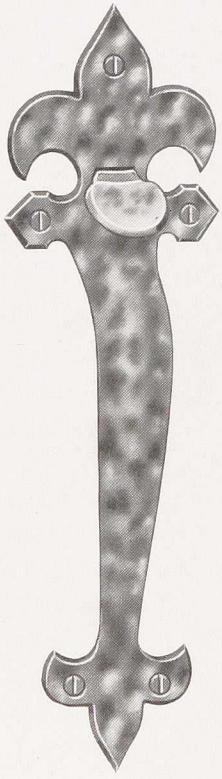
Packed each set in a box, complete with screws.
*Outside Trim—½ pair handles. Inside Trim—Wrought bronze knob, rose and turn knob. Other inside wrought trim can be substituted at no additional price. Cast trim at difference in price.
Specify thickness of doors.
These handles can be used with other locks having a lift type of operation on the latch bolt.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

ENTRANCE DOOR HANDLE SETS

CAST BRONZE OR BRASS

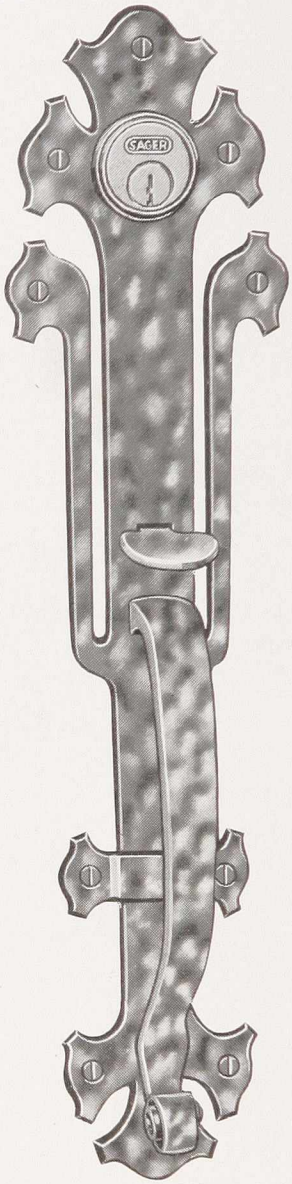




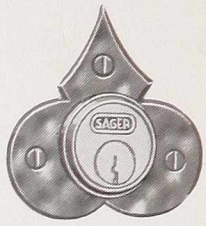


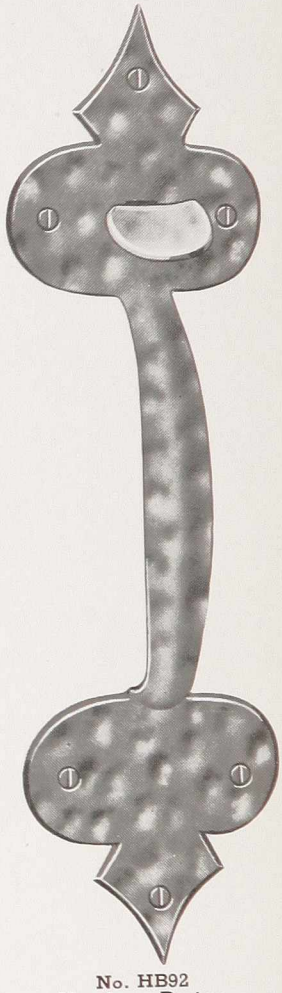
No. HC92
Hancock Design

No. HE92
Heller Design



No. LC92
Lorca Design





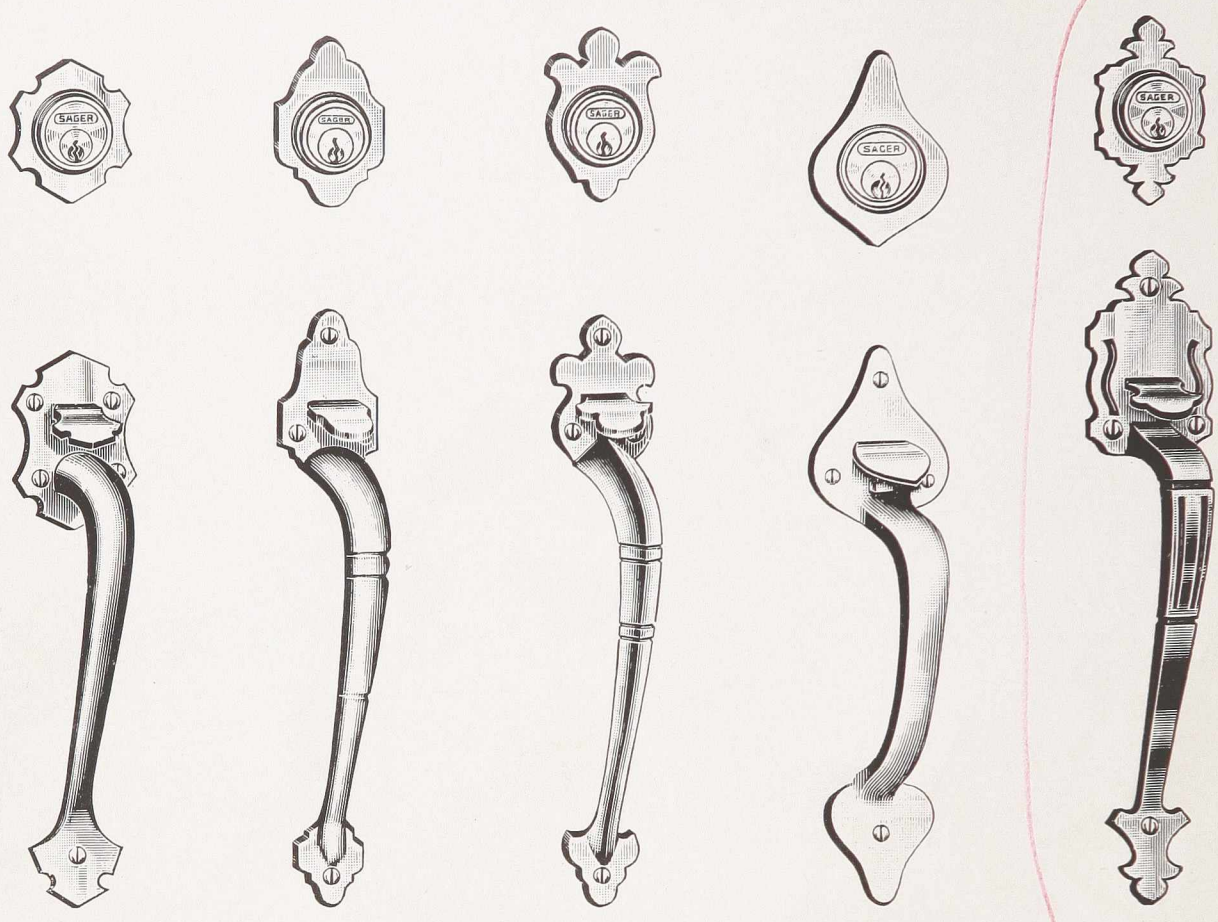
No. HB92
Hamburg Design

Set Numbers		Handle Number	Size Over All Inches	Grip Number	Projection Inches	Cylinder Plate		Thumb Piece Plate Inches	Lower Plate Inches
Two Handles	One Handle					Number	Inches		
Lock No. 584 Page No. 61	Lock No. 630 Page No. 54								
HC92584	***HC92630**	HC92	15⅞x3	.....	2¼	HC1991	3½x2⅜	3 wide	2¼ wide
HE92584	***HE92630**	HE92	15⅞x3⅛	.....	2	HE1991	4 x3⅛	3⅛ wide	2¼ wide
LC92584	***LC92630**	LC92	16½x4	LC3990	2⅜	.....	.....	.....	.....
HB92584	***HB92630**	HB92	17¾x3⅞	.....	2⅜	HB1991	2⅞x3	3⅞ wide	3⅞ wide

Packed each set in a box, complete with screws.
*Outside trim—½ pair handles. Inside trim—Wrought bronze knob, rose and turn knob. Other inside wrought trim can be substituted at no additional price. Cast trim at difference in price.
Specify thickness of doors.
These handles can be used with other locks having a lift type of operation on the latch bolt.
When ordering handles only for LC92, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

ENTRANCE DOOR HANDLE SETS

CAST BRONZE OR BRASS



AA96584
AA96630

BB96584
BB96630

CC96584
CC96630

DD96584
DD96630

EE96584
EE96630

Set Numbers		Handle Number	†Size Over All Inches Using Lock No. 630	Projection Inches	Cylinder Plate		Thumb Piece Plate Inches	Lower Plate Inches
Two Handles	One Handle				Number	Inches		
Lock No. 584 Page 61	Lock No. 630 *Page 54							
AA96584	**AA96630**	AA96	15¾x2⅜	2⅛	AA1991	2¾x2⅜	3⅜x2⅜	1½x1¾
BB96584	**BB96630**	BB96	16 x2⅛	2⅛	BB1991	3⅛x2⅛	3⅛x1 13/16	1⅝x1 3/16
CC96584	**CC96630**	CC96	16 x2⅛	2⅛	CC1991	3¼x2⅛	2⅞x1⅞	1½x1 5/16
DD96584	**DD96630**	DD96	15½x2 7/16	2⅛	DD1991	3⅝x2¼	3¼x2 7/16	2⅜x1¾
EE96584	**EE96630**	EE96	16½x2 5/16	2	EE1991	3⅝x2⅛	3 9/16x2 5/16	1¾x1½

*Outside Trim—½ pair handles. Inside Trim—wrought bronze knob, rose and turn knob. Other inside wrought trim can be substituted at no additional price. Cast trim at difference in price.

Packed each set in a box, complete with screws.

†For length over all using Lock No. 584 deduct ¾ inches.

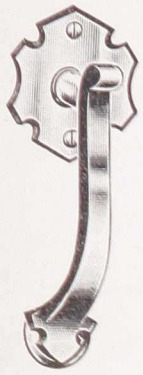
Specify thickness of doors.

These handles can be used with other locks having a lift type of operation on the Latch Bolt.

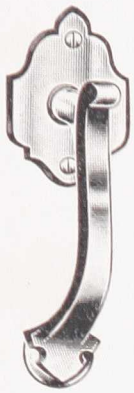
Specify Number and Finish. Refer to Page No. 32A for description of finish.

DOOR KNOCKERS

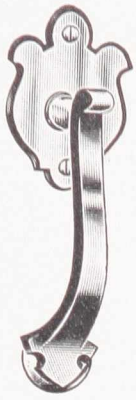
CAST BRONZE OR BRASS
FOR EXTERIOR DOORS



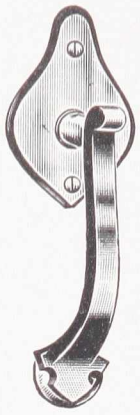
AA4000



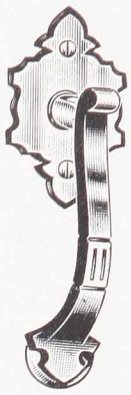
BB4000



CC4000



DD4000



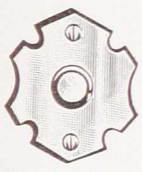
EE4000

Number	Size Over All Inches	Top Plate Inches	Lower Button Inches	Projection Inches	Material
AA4000	6	2¾x2⅜	1—Round	1⅝	Cast Bronze
BB4000	6⅜	3⅛x2⅛	1—Round	1⅝	Cast Bronze
CC4000	6½	3¼x2⅛	1—Round	1⅝	Cast Bronze
DD4000	6¾	3⅝x2¼	1—Round	1⅝	Cast Bronze
EE4000	6⅜	3⅝x2⅛	1—Round	1⅝	Cast Bronze

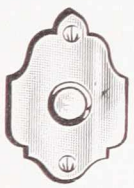
Packed each in a box with wood screws.

Specify Number and Finish. Refer to Page No. 32A for description of finish.

PUSH BUTTONS
CAST BRONZE OR BRASS

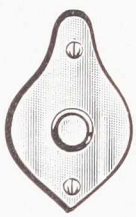


AA3291

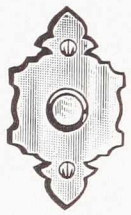


BB3291

CC3291



DD3291



EE3291

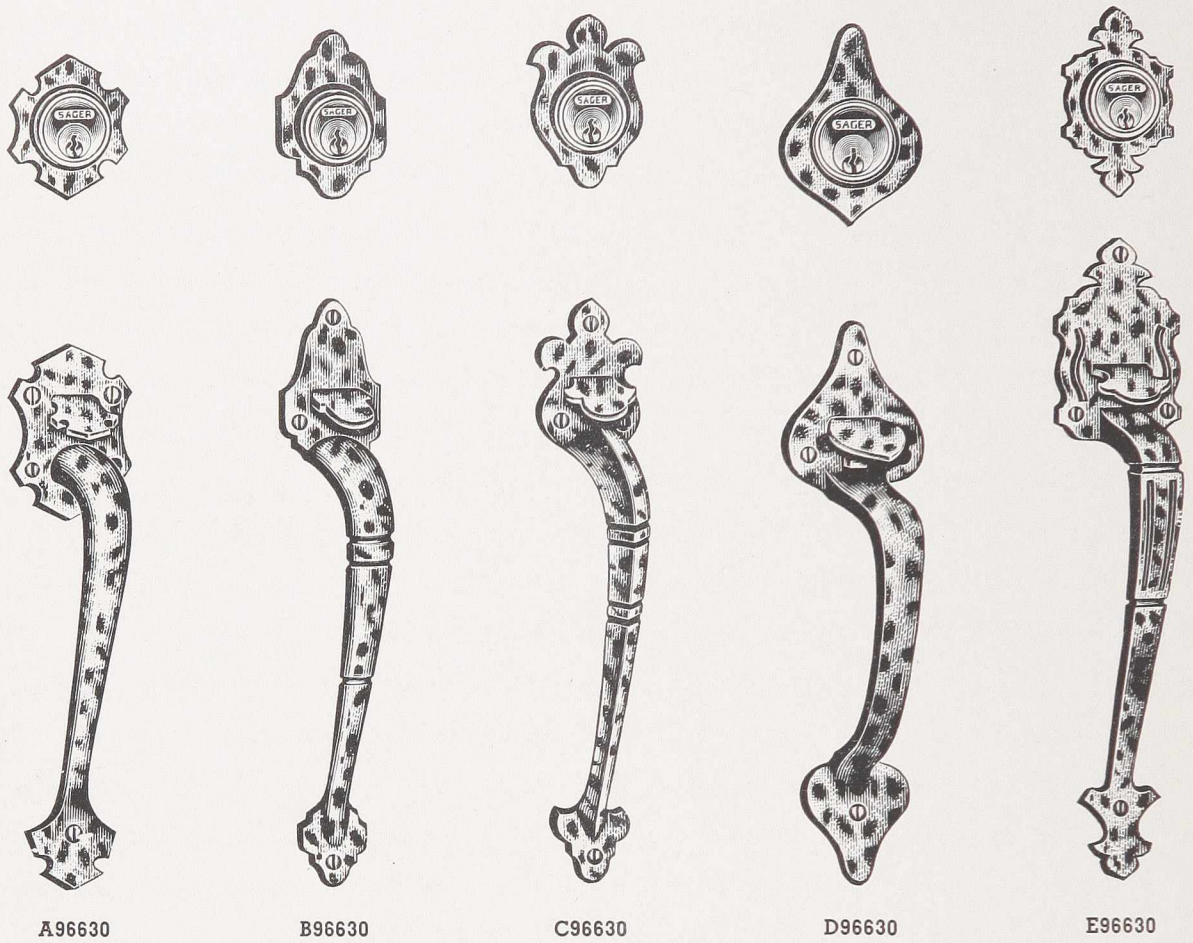
Number	Size, Inches	Material
AA3291	2¾x2⅜	Cast Bronze
BB3291	3⅛x2⅛	Cast Bronze
CC3291	3¼x2⅛	Cast Bronze
DD3291	3⅝x2¼	Cast Bronze
EE3291	3⅝x2⅛	Cast Bronze

Packed each in a box with wood screws.

Specify Number and Finish. Refer to Page No. 32A for description of finish.

ENTRANCE DOOR HANDLE SETS

CAST BRONZE OR BRASS, HAMMERED



A96630 B96630 C96630 D96630 E96630

Set Numbers		Handle Number	†Size Over All Inches Using Lock No. 630	Projection Inches	Cylinder Plate		Thumb Piece Plate Inches	Lower Plate Inches
Two Handles	One Handle				Number	Inches		
Lock No. 584 Page 61	Lock No. 630 *Page 54							
A96584	**A96630**	A96	15¾x2⅜	2⅛	A1991	2¾x2⅜	3⅜x2⅜	1½x1¾
B96584	**B96630**	B96	16 x2⅛	2⅛	B1991	3⅛x2⅛	3⅛x1 13/16	1⅝x1 3/16
C96584	**C96630**	C96	16 x2⅛	2⅛	C1991	3¼x2⅛	2⅞x1⅞	1½x1 5/16
D96584	**D96630**	D96	15½x2 7/16	2⅛	D1991	3⅝x2¼	3¼x2 7/16	2⅜x1¾
E96584	**E96630**	E96	16½x2 5/16	2	E1991	3⅝x2⅛	3 9/16x2 5/16	1¾x1½

*Outside Trim—½ pair handles. Inside Trim—wrought bronze knob, rose and turn knob. Other inside wrought trim can be substituted at no additional price. Cast trim at difference in price.

Packed each set in a box, complete with screws.

†For length over all using Lock No. 584 deduct ¾ inches.

Specify thickness of doors.

These handles can be used with other locks having a lift type of operation on the Latch Bolt.

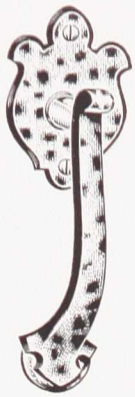
Specify Number and Finish. Refer to Page No. 32A for description of finish.

DOOR KNOCKERS

CAST BRONZE OR BRASS
FOR EXTERIOR DOORS

A4000

B4000



C4000

D4000

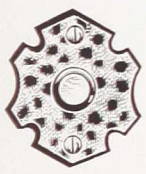
E4000

Number	Size Over All Inches	Top Plate Inches	Lower Button Inches	Projection Inches	Material
A4000	6	2¾x2⅜	1—Round	1⅝	Cast Bronze
B4000	6⅜	3⅛x2⅛	1—Round	1⅝	Cast Bronze
C4000	6½	3¼x2⅛	1—Round	1⅝	Cast Bronze
D4000	6¾	3⅝x2¼	1—Round	1⅝	Cast Bronze
E4000	6⅜	3⅝x2⅛	1—Round	1⅝	Cast Bronze

Packed each in a box with wood screws.

Specify Number and Finish. Refer to Page No. 32A for description of finish.

PUSH BUTTONS
CAST BRONZE OR BRASS



A3291

B3291

C3291

D3291

E3291

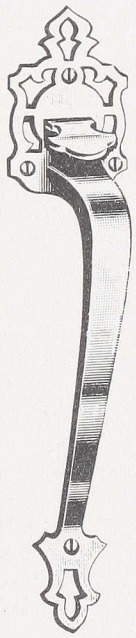
Number	Size, Inches	Material
A3291	2¾x2⅜	Cast Bronze
B3291	3⅛x2⅛	Cast Bronze
C3291	3¼x2⅛	Cast Bronze
D3291	3⅝x2¼	Cast Bronze
E3291	3⅝x2⅛	Cast Bronze

Packed each in a box with wood screws.

Specify Number and Finish. Refer to Page No. 32 for description of finish.

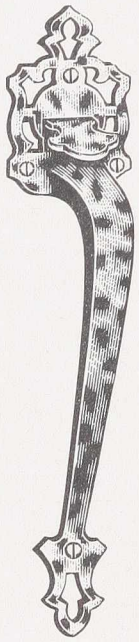
ENTRANCE DOOR HANDLE SETS

CAST BRONZE OR BRASS



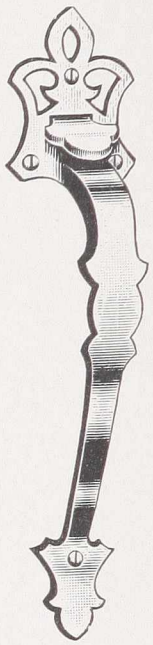
DL92630

DUDLEY DESIGN



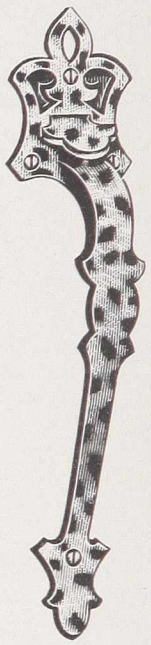
DT92630

DIGHTON DESIGN



DF92630

DEERFIELD DESIGN



DB92630

DANBURY

Set Numbers		Handle Number	†Size Over All Inches Using Lock No. 630	Projection Inches	Cylinder Plate		Thumb Piece Plate Inches	Lower Plate Inches
Two Handles	One Handle				Number	Inches		
Lock No. 584 Page 61	Lock No. 630 *Page 54							
DL92584	**DL92630**	DL92	16x2¼	2	DL1991	3½x2⅛	3½x2¼	1⅞x1½
DT92584	**DT92630**	DT92	16x2¼	2	DT1991	3½x2⅛	3½x2¼	1⅞x1½
DF92584	**DF92630**	DF92	16x2½	2	DF1991	2⅞x2¼	3½x2½	2 x1½
DB92584	**DB92630**	DB92	16x2½	2	DB1991	2⅞x2¼	3½x2½	2 x1½

*Outside Trim—½ pair handles. Inside Trim—wrought bronze knob, rose and turn knob. Other inside wrought trim can be substituted at no additional price. Cast trim at difference in price.

Packed each set in a box, complete with screws.

†For length over all using Lock No. 584 deduct ¾ inches.

Specify thickness of doors.

These handles can be used with other locks having a lift type of operation on the Latch Bolt.

Specify Number and Finish. Refer to Page No. 32A for description of finish.

Nos. DT92630 and DB92630 are hammered.

DOOR KNOCKERS

CAST BRONZE OR BRASS
FOR EXTERIOR DOORS

DL4092

DT4092

DF4092

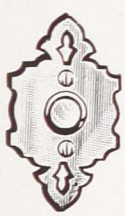
DB4092

Number	Design	Size Over All Inches	Top Plate Inches	Lower Button Inches	Projection Inches	Material
DL4092	DUDLEY	6⅜	3½x2⅛	1—Round	1⅝	Cast Bronze
DT4092	DIGHTON	6⅜	3½x2⅛	1—Round	1⅝	Cast Bronze
DF4092	DEERFIELD	6¼	2⅞x2¼	1—Round	1⅝	Cast Bronze
DB4092	DANBURY	6¼	2⅞x2¼	1—Round	1⅝	Cast Bronze

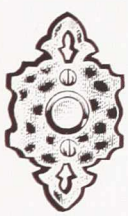
Packed each in a box with wood screws.

Specify Number and Finish. Refer to Page No. 32A for description of finish.

PUSH BUTTONS
CAST BRONZE OR BRASS



DL3290



DT3290

DF3290

DB3290

Number	Design	Size, Inches	Material
DL3290	DUDLEY	3½x2⅛	Cast Bronze
DT3290	DIGHTON	3½x2⅛	Cast Bronze
DF3290	DEERFIELD	2⅞x2¼	Cast Bronze
DB3290	DANBURY	2⅞x2¼	Cast Bronze

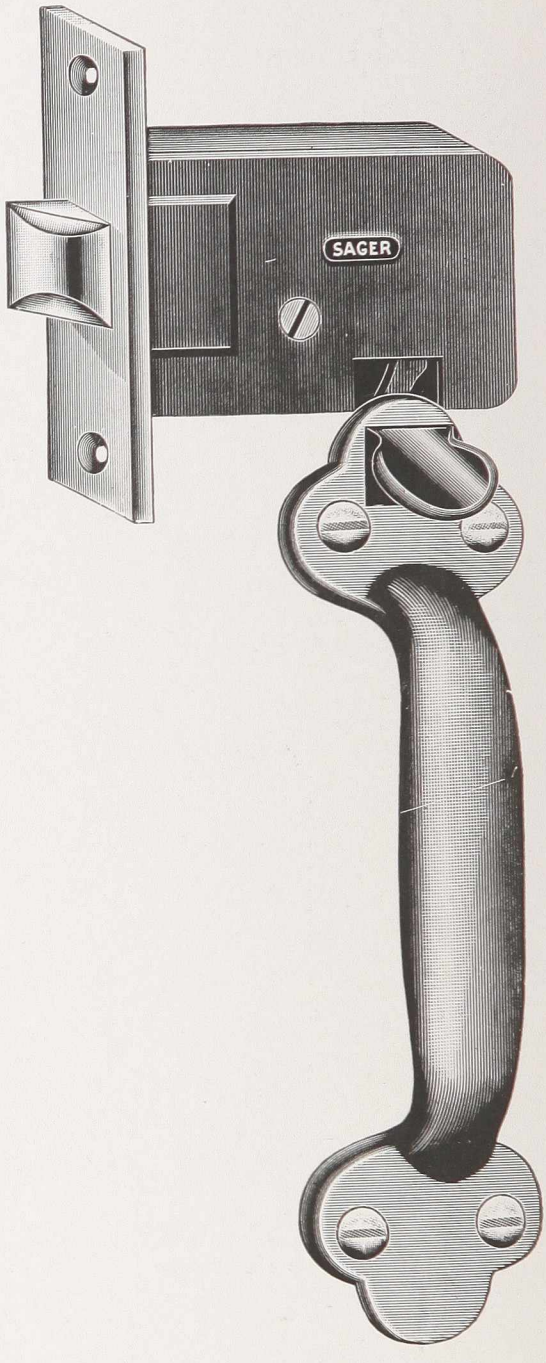
Packed each in a box with wood screws.

Specify Number and Finish. Refer to Page No. 32 for description of finish.

[FUTURE DESIGNS]

THUMB LATCH SETS

Nos. 8000 and 08000



No. 08017

Number	Latch		Handles				
	Number	Page		Projection Inches	Number	Size Inches	Material
8000	Rim	.....	One Only	2	.....	9¼x2	Cast Bronze
*08000	Rim	.....	One Only	2	.....	9¼x2	Cast Iron
*08017	170	5	One Pair	2	03951	8½x2¼	Cast Iron

Packed each set in a box, complete with screws.
*Furnished in japan or cadmium finish.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

ENTRANCE DOOR HANDLE SETS

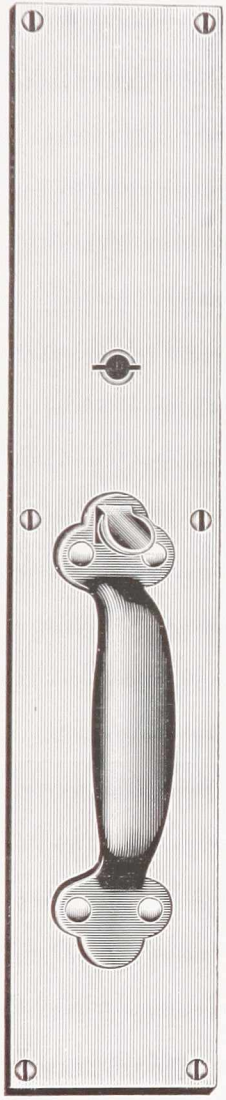
No. WH084582

EXTRA HEAVY. Especially adapted for use on warehouse and factory doors.

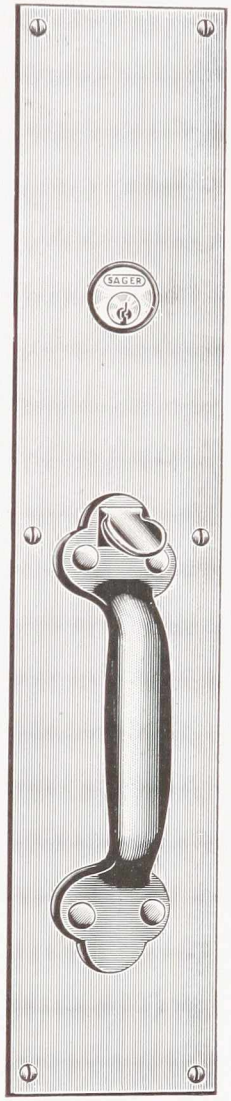
WH DESIGN

WROUGHT STEEL PLATES

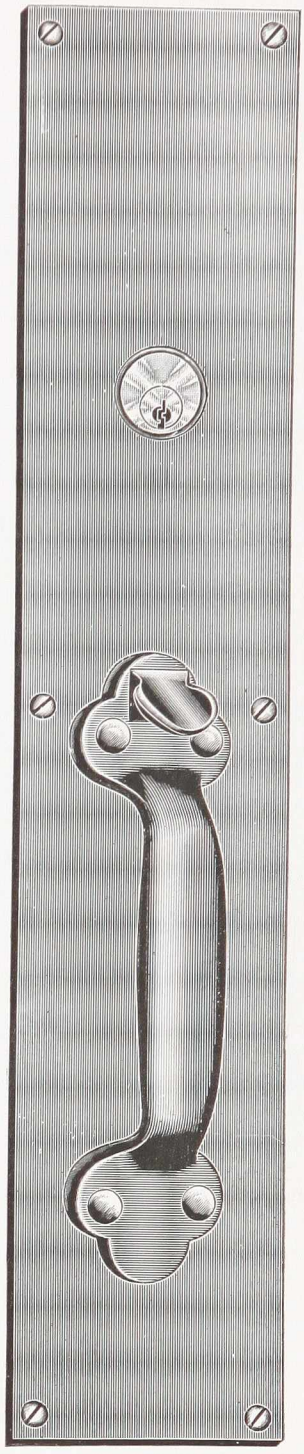
CAST IRON GRIPS



No. WH082582



No. WH082584



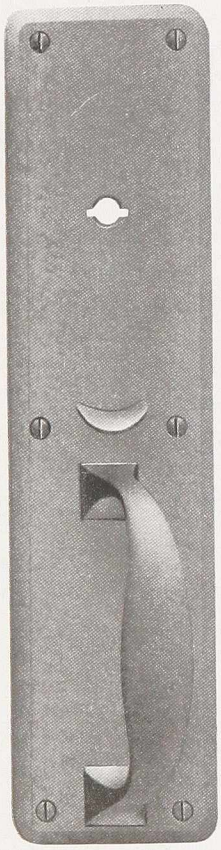
No. WH084584

Set Number	Lock		One Pair Handles						
	No.	Page	Number	Size Inches	Projection Inches	Grip Number	Center to Center Inches	Material: Plate	Material: Grip and Tb. Pc.
WH082582	582	60	WH082	16x3½	2⅛	03950	5½	Wrought Steel	Cast Iron
WH082584	584	61	WH082	16x3½	2⅛	03951	6¾	Wrought Steel	Cast Iron
WH084582	582	60	WH084	20x4	2⅛	03950	5½	Wrought Steel	Cast Iron
WH084584	584	61	WH084	20x4	2⅛	03951	6¾	Wrought Steel	Cast Iron

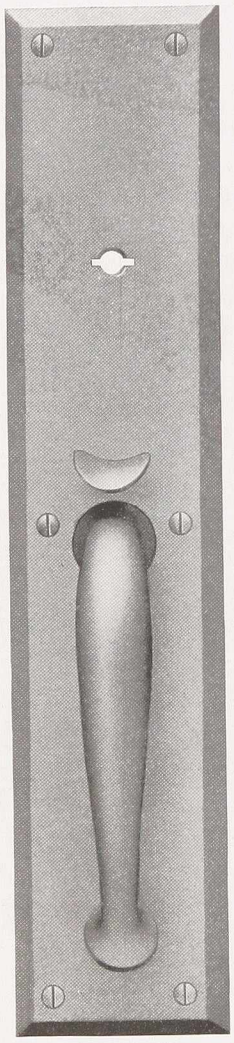
Specify thickness of door. Packed each set in a box, complete with through bolts.
These handles can be used with other locks having a lift type of operation on the latch bolt.
When ordering handles only, specify lock with which they are to be used. Furnished in black japan or cadmium finish.

ENTRANCE DOOR HANDLE SETS

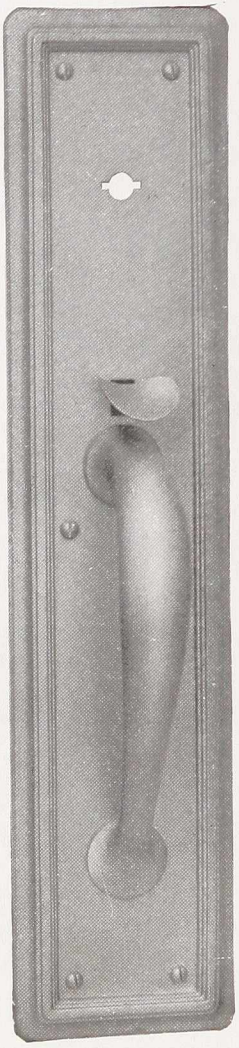
WROUGHT BRONZE, BRASS OR STEEL



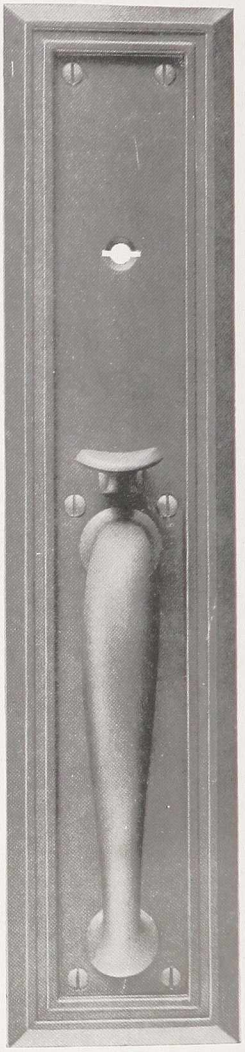
No. AR81
No. AR081
Akron Design



No. AW82
No. AW082
Atwood Design



No. BF82
No. BF082
Belfast Design



No. CF82
No. CF082
Colfax Design

No. FL82
No. FL082
Franklin Design

Set Number	Lock		One Pair Handles						
	No.	Page	Number	Size Inches	Projection Inches	Grip Number	Center to Center Inches	Material: Plate	Material: Grip and Tb. Pc.
AR81582	582	60	AR81	12 x3	1 7/8	3952 1/2	4 5/16	Wrought Bronze	Cast Bronze
AR081583	583	60	AR081	12 x3	1 7/8	03952 1/2	4 5/16	Wrought Steel	Cast Iron
AW82582	582	60	AW82	14 1/2x3 1/4	2 5/8	3916	5 1/2	Wrought Bronze	Cast Bronze
AW082583	583	60	AW082	14 1/2x3 1/4	2 5/8	03916	5 1/2	Wrought Steel	Cast Iron
BF82582	582	60	BF82	14 1/2x3 1/4	2 5/8	3916	5 1/2	Wrought Bronze	Cast Bronze
BF082583	583	60	BF082	14 1/2x3 1/4	2 5/8	03916	5 1/2	Wrought Steel	Cast Iron
CF82582	582	60	CF82	14 1/2x3 1/4	2 5/8	3916	5 1/2	Wrought Bronze	Cast Bronze
CF082583	583	60	CF082	14 1/2x3 1/4	2 5/8	03916	5 1/2	Wrought Steel	Cast Iron
FL82582	582	60	FL82	14 3/4x3 1/4	2 5/8	3916	5 1/2	Wrought Bronze	Cast Bronze
FL082583	583	60	FL082	14 3/4x3 1/4	2 5/8	03916	5 1/2	Wrought Steel	Cast Iron

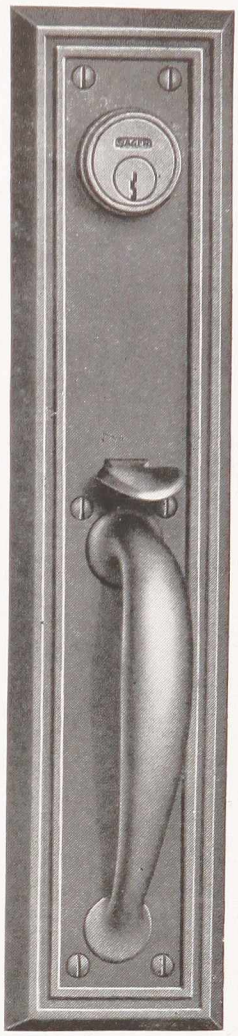
Packed each set in a box, complete with screws.
These handles can be used with other locks having a lift type of operation on the latch bolt.
When ordering handles only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

ENTRANCE DOOR HANDLE SETS

WROUGHT BRONZE OR BRASS

No. NB82
Newberne Design

No. AW82
Atwood Design



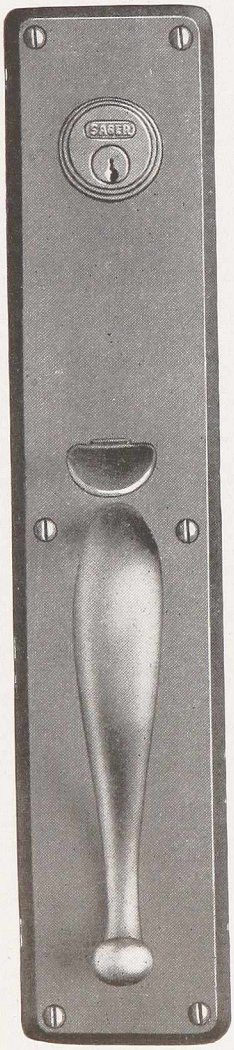
No. CF82
Colfax Design

Set Number	Lock		One Pair Handles						
	No.	Page	Number	Size Inches	Projection Inches	Grip Number	Center to Center Inches	Material: Plate	Material: Grip and Tb. Pc.
AW82584	584	61	AW82	14½x3¼	2⅝	3916	5½	Wrought Bronze	Cast Bronze
CF82584	584	61	CF82	14½x3¼	2⅝	3916	5½	Wrought Bronze	Cast Bronze
NB82584	584	61	NB82	14⅜x2½	2½	NB3991	5½	Wrought Bronze	Cast Bronze

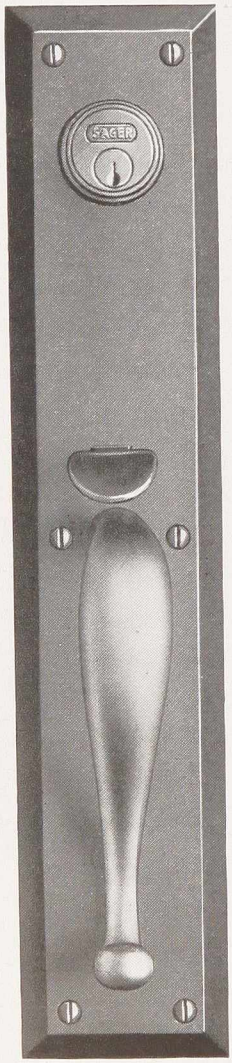
Packed each set in a box, complete with screws.
These handles can be used with other locks having a lift type of operation on the latch bolt.
When ordering handles only, specify lock with which they are to be used.
Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

ENTRANCE DOOR HANDLE SETS

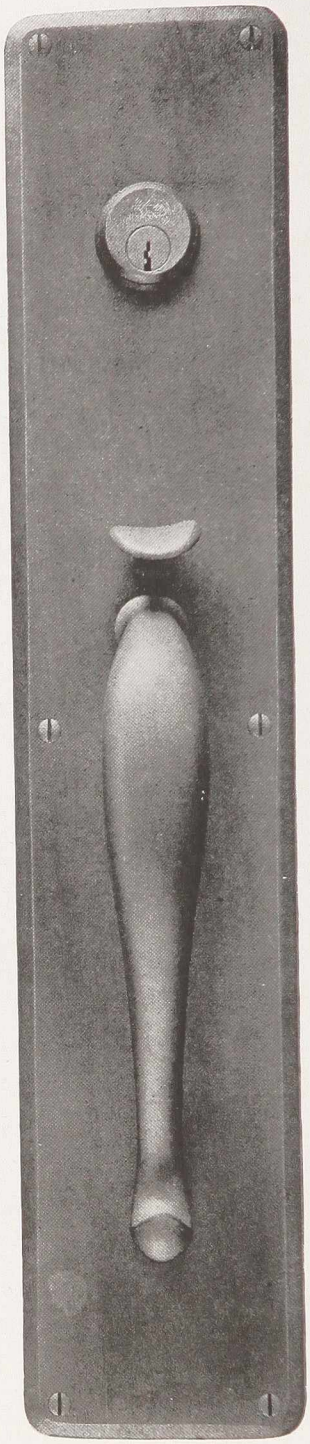
CAST BRONZE OR BRASS



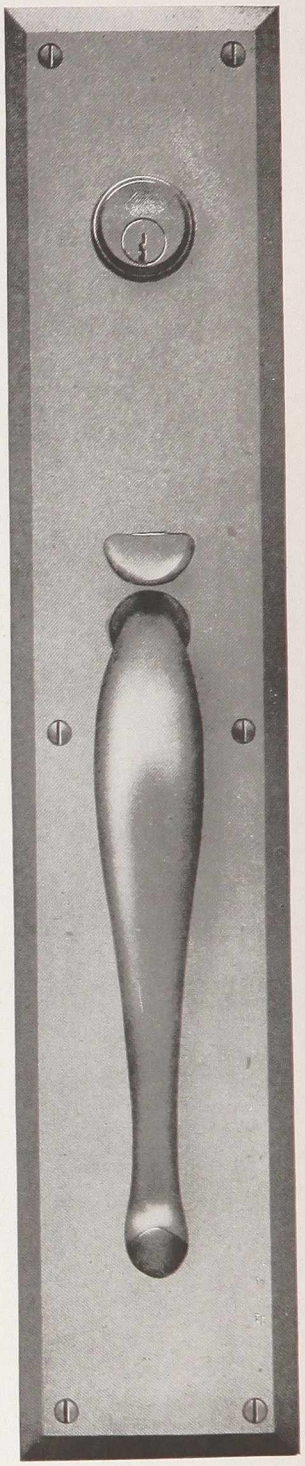
Nos. PC82 and PC83
Prescott Design



Nos. CE82 and CE83
Cuesta Design



No. PC84
Prescott Design



No. CE84
Cuesta Design

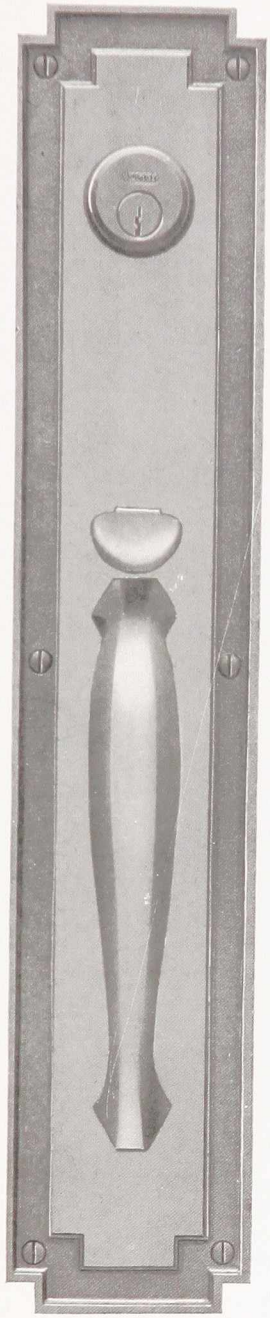
Set Number	Lock		One Pair Handles					
	Number	Page	Number	Size Inches	Projection Inches	Grip Number	Center to Center Inches	Material
PC82584	584	61	PC82	15x3	2½	3922	5¼	Cast Bronze
PC83584	584	61	PC83	18x3½	2½	3922	5¼	Cast Bronze
PC84584	584	61	PC84	20x4	3	3919	8	Cast Bronze
CE82584	584	61	CE82	15x3	2½	3922	5¼	Cast Bronze
CE83584	584	61	CE83	18x3½	2½	3922	5¼	Cast Bronze
CE84584	584	61	CE84	20x4	3	3919	8	Cast Bronze

Packed each set in a box, complete with screws. Specify thickness of doors.
These handles can be used with other locks having a lift type of operation on the latch bolt.
When ordering handles only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

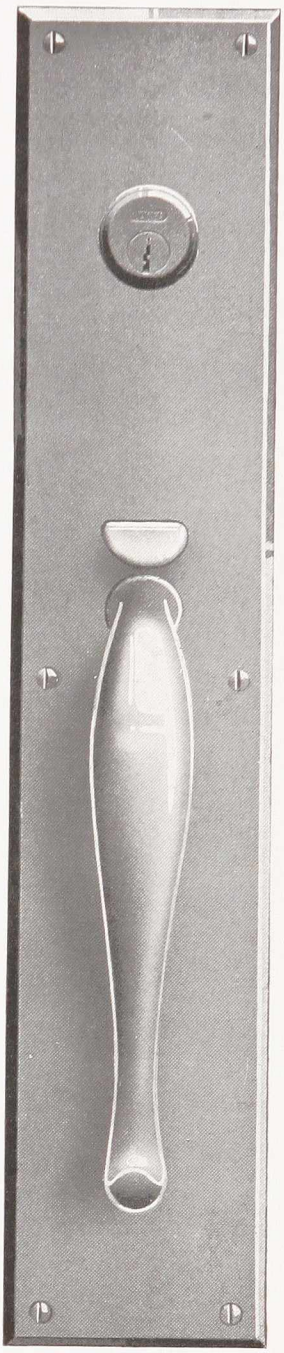
ENTRANCE DOOR HANDLE SETS

CAST BRONZE OR BRASS

Nos. PR82 and PR83
Peru Design



No. RD83
Rhodes Design



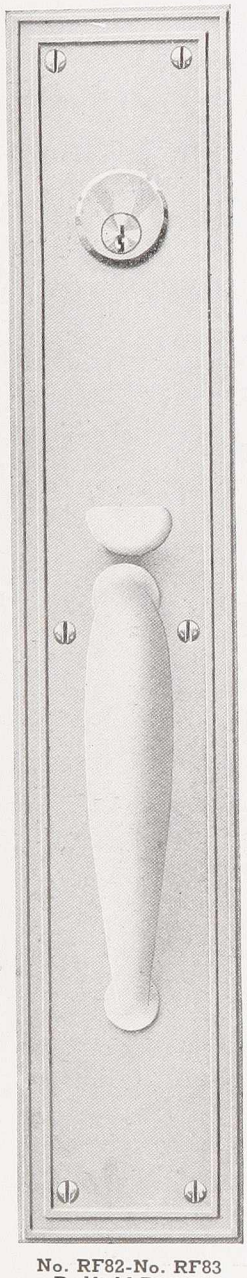
No. PR84
Peru Design

Set Number	Lock		One Pair Handles					
	Number	Page	Number	Size Inches	Projection Inches	Grip Number	Center to Center Inches	Material
PR82584	584	61	PR82	15x3	2½	3922	5¼	Cast Bronze
PR83584	584	61	PR83	18x3½	2½	3922	5¼	Cast Bronze
PR84584	584	61	PR84	20x4	3	3919	8	Cast Bronze
RD83584	584	61	RD83	18x3½	2⅝	3921	6¾	Cast Bronze

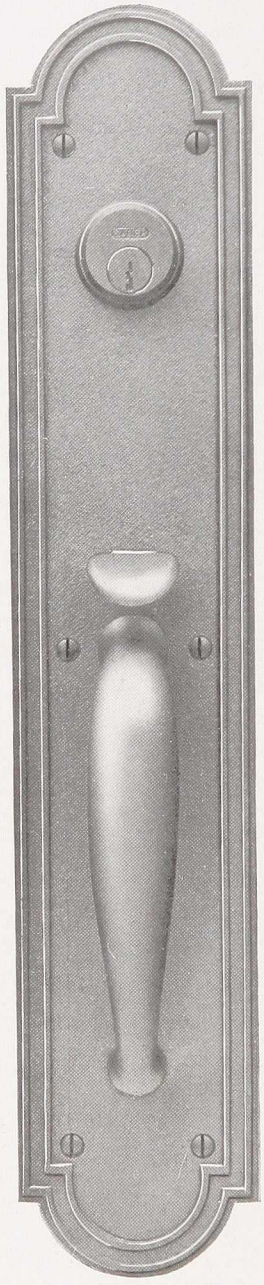
Packed each set in a box, complete with screws. Specify thickness of doors.
These handles can be used with other locks having a lift type of operation on the Latch Bolt.
When ordering handles only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

ENTRANCE DOOR HANDLE SETS

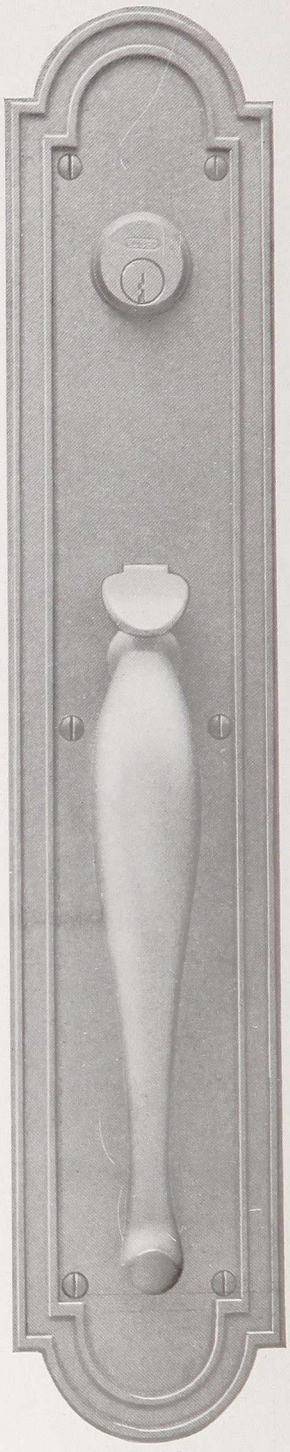
CAST BRONZE OR BRASS



No. RF82-No. RF83
Redfield Design
Type RF84



No. RM82-No. RM83
Richmond Design



No. RM84
Richmond Design

Set Number	Lock		One Pair Handles					
	Number	Page	Number	Size Inches	Projection Inches	Grip Number	Center to Center, Inches	Material
RF82584	584	61	RF82	15x3	2½	3916	5⅛	Cast Bronze
RF83584	584	61	RF83	18x3½	2½	3910	5⅞	Cast Bronze
RF84584	584	61	RF84	20x4	3	3919	8	Cast Bronze
RM82584	584	61	RM82	15x3	2½	3916	5⅛	Cast Bronze
RM83584	584	61	RM83	18x3½	2½	3910	5⅞	Cast Bronze
RM84584	584	61	RM84	20x4	3	3919	8	Cast Bronze

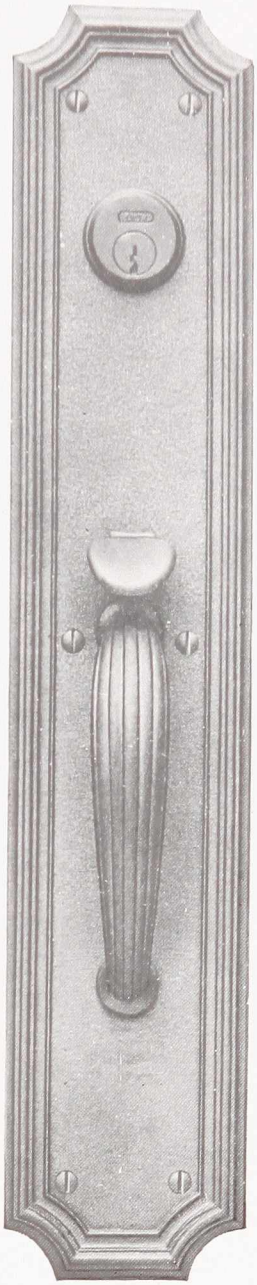
Packed each set in a box, complete with screws. Specify thickness of doors.
These handles can be used with other locks having a lift type of operation on the Latch Bolt. When ordering handles only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

ENTRANCE DOOR HANDLE SETS

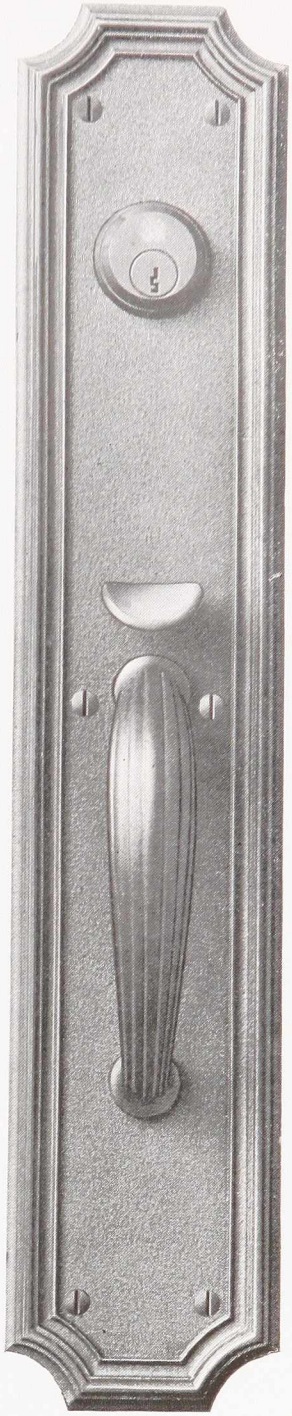
CAST BRONZE OR BRASS

No. EX83
Essex Design

Nos. WS83 and WS84
Windsor Design



No. SD83
Sheldon Design



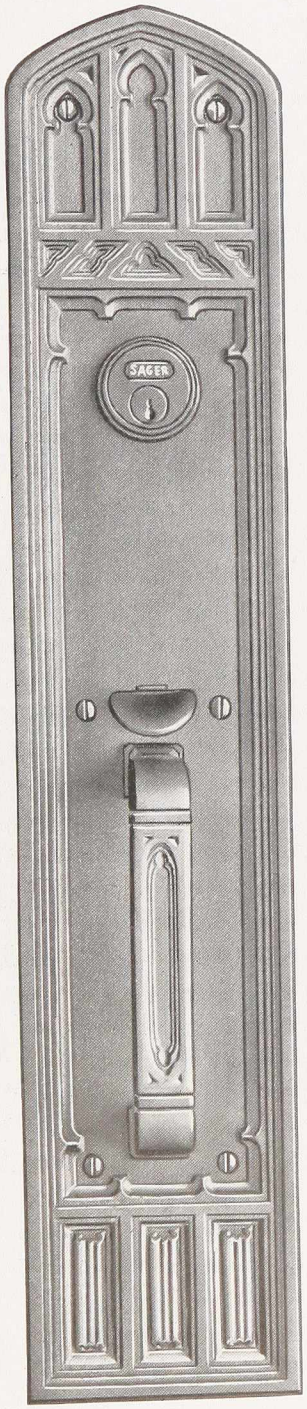
No. SD84
Sheldon Design

Set Number	Lock		One Pair Handles					
	Number	Page	Number	Size Inches	Projection Inches	Grip Number	Center to Center Inches	Material
SD83584	584	61	SD83	18x3½	2⅝	3914	4⅞	Cast Bronze
SD84584	584	61	SD84	20x4	2¾	3915	5¾	Cast Bronze
EX83584	584	61	EX83	18x3½	2¾	3915	5¾	Cast Bronze
WS83584	584	61	WS83	18x3½	2¾	3915	5¾	Cast Bronze
WS84584	584	61	WS84	20x4	2¾	3915	5¾	Cast Bronze

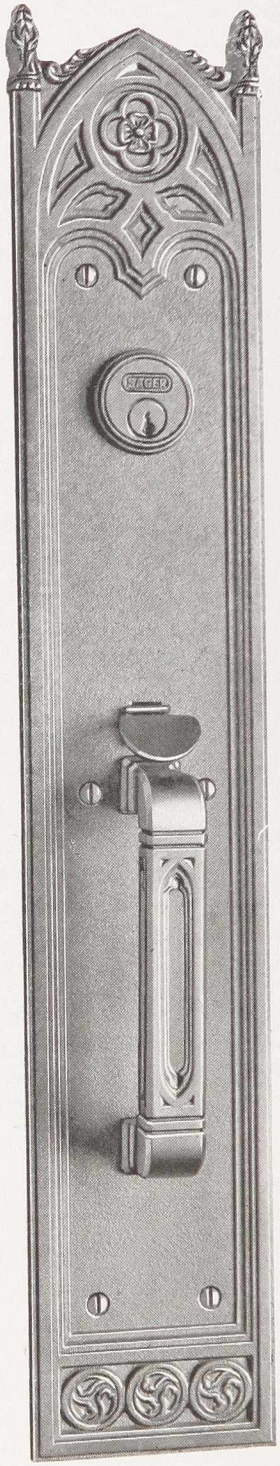
Packed each set in a box, complete with screws. Specify thickness of door.
These handles can be used with other locks having a lift type of operation on the Latch Bolt.
When ordering handles only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

ENTRANCE DOOR HANDLE SETS

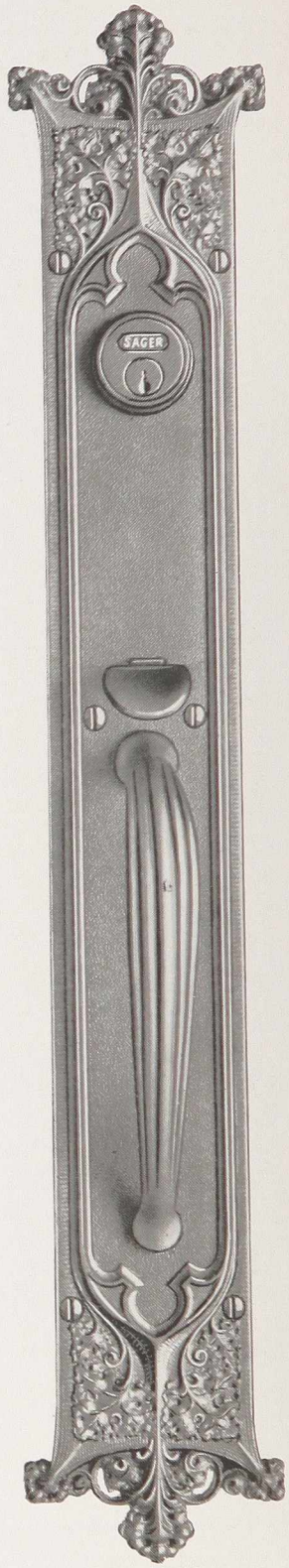
CAST BRONZE OR BRASS



No. DM84
Type No. DM85 Dartmoor Design



No. CN84
Castletown Design



No. BB84
Brandenburg Design

Set Number	Lock		One Pair Handles					
	Number	Page	Number	Size Inches	Projection Inches	Grip Number	Center to Center, Inches	Material
DM84584	584	61	DM84	19½x4	2¼	3925	6	Cast Bronze
DM85584	584	61	DM85	24¼x4	2¼	3925A	7½	Cast Bronze
BB84584	584	61	BB84	22 x3¾	2⅝	3923	6⅝	Cast Bronze
CN84584	584	61	CN84	20¾x3⅝	2⅝	3925A	7½	Cast Bronze

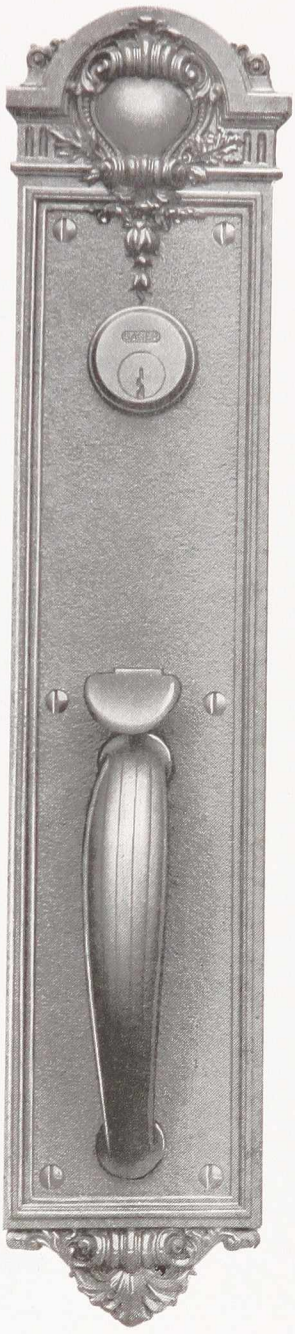
Packed each set in a box, complete with screws. Specify thickness of door. These handles can be used with other locks having a lift type of operation on the Latch Bolt. When ordering handles only, specify lock with which they are to be used. Specify Number and Finish. Refer to Page No. 32A for description of finish.

ENTRANCE DOOR HANDLE SETS

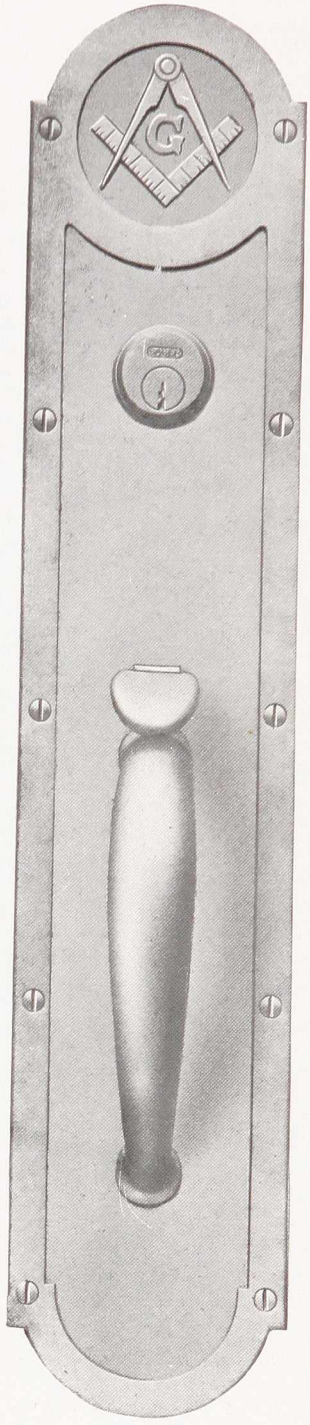
CAST BRONZE OR BRASS

No. SM82
Samos Design

No. GA82
Granada Design



No. GN83
Genova Design



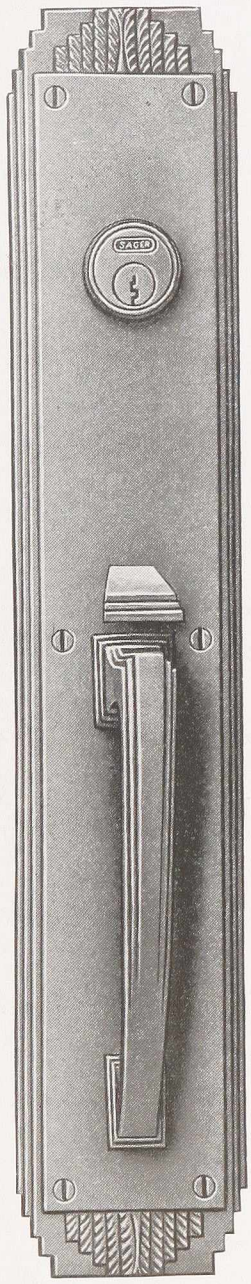
No. LW84
Lowell Design

Set Number	Lock		One Pair Handles					
	Number	Page	Number	Size Inches	Projection Inches	Grip Number	Center to Center, Inches	Material
GN83584	584	61	GN83	17½x3¾	2⅝	3914	4⅞	Cast Bronze
GA82584	584	61	GA82	16 x4	2½	3914	4⅞	Cast Bronze
SM82584	584	61	SM82	16 x3½	2⅝	3911	5¾	Cast Bronze
***LW84584**	584	61	LW84	20 x4	2⅜	.....	.....	Cast Bronze

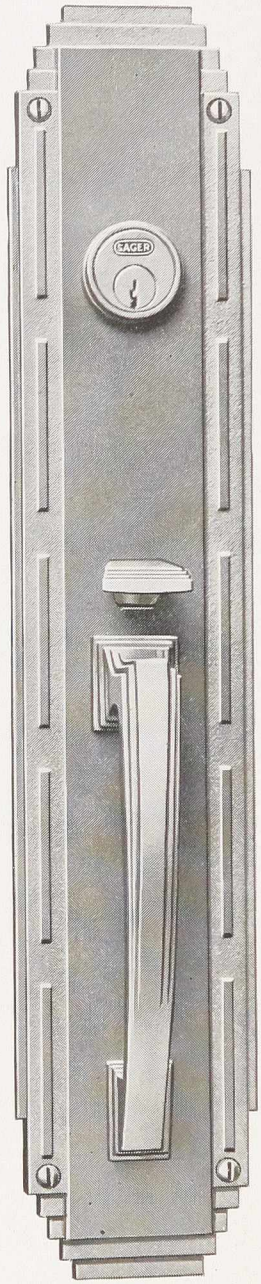
Packed each set in a box, complete with screws. Specify thickness of door. These handles can be used with other locks having lift of operation on the Latch Bolt. When ordering handles only, specify lock with which they are to be used.
*LW84584 can be furnished with different types of monograms.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

ENTRANCE DOOR HANDLE SETS

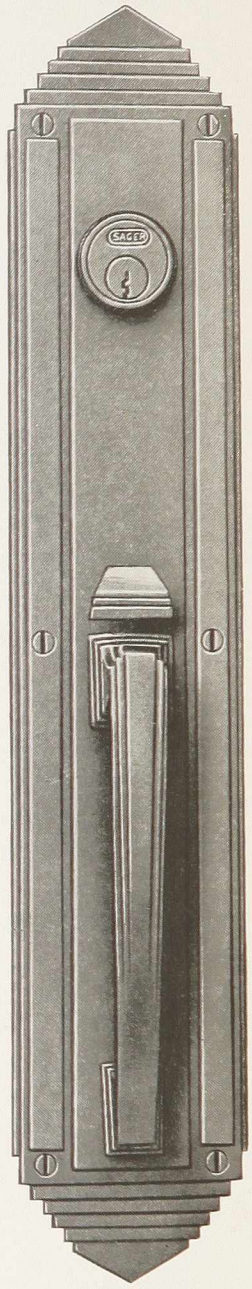
CAST BRONZE OR BRASS



No. PB83
Pinebro Design



No. SG83
Sago Design



No. CA83
Cromart Design

Set Number	Lock		One Pair Handles					
	Number	Page	Number	Size Inches	Projection Inches	Grip Number	Center to Center Inches	Material
PB83584	584	61	PB83	18x3½	2½	SG3991	6	Cast Bronze
SG83584	584	61	SG83	18x3½	2½	SG3991	6	Cast Bronze
CA83584	584	61	CA83	18x3½	2½	SG3991	6	Cast Bronze

Packed each set in a box, complete with screws.
These handles can be used with other locks having lift type operation on the latch bolt.
When ordering handles only, specify lock with which they are to be used.
Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

Symbol	Name	Page
AF	ALFORD	254
AR	AKRON	278
AT	AUSTIN	260
AV	AVON	261
AW	ATWOOD	280
BH	BANKHART	258E
BM	BELMONT	282
BT	BRISTOL	284
CB	CAMBRIDGE	286
CT	CORTEZ	262
CW	CONWAY	288
EG	ELGIN	290
EH	ELKHART	264
EM	EXMOOR	266
EP	EMPIRE	268
EW	EASTWOOD	270
FM	FAIRMONT	294
FL	FRANKLIN	292
HF	HARTFORD	296
HR	HILLROSE	272
LL	LUDLOW	258F
MB	MAYBROOK	274
MC	MACON	298
MF	MAYFAIR	300
MH	MOHAWK	276
MS	MADISON	302
NB	NEWBERNE	258B
RC	ROCHESTER	258G
RH	ROCKHILL	258D
YC	YANCEY	256
YN	YARNELL	257
YE	YERKES	258

BATH ROOM LOCKSETS 305
GLASS KNOB LOCKSETS 304
SCHOOL HOUSE LOCKSETS 306

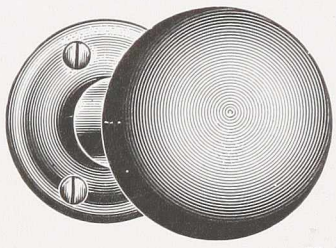
[FUTURE DESIGNS]

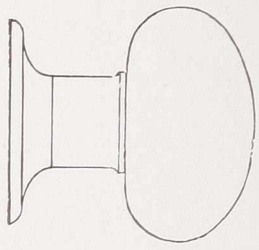
ALFORD DESIGN SYMBOL AF

WROUGHT BRONZE, BRASS OR STEEL

No. 1914

No. AF2590





Nos. AF102¼ x AF2091

Type Nos. AF101¾ x AF2090
Type Nos. AF102 x AF2090

Number		Size, Inches	Description
Bronze	Steel		
*AF101¾	*AF0101¾	1¾	Door knobs, Model "C" Spindle Mountings
*AF102	*AF0102	2	Door knobs, Model "C" Spindle Mountings
*AF102¼	*AF0102¼	2¼	Door knobs, Model "C" Spindle Mountings
1914	.....	1¾ Dia.	Cylinder ring. Refer to Page No. 112.
AF2090	AF02090	1⅝	Knob rose
AF2091	AF02091	2	Knob rose
AF2490B	AF02490	1¾x1 3/16	Turn knob on plate, 3/16 inch spindles on diamond
AF2490½B	AF02490½B	1¾x1 3/16	Turn knob on plate, 7/32 inch flat spindles
AF2590	AF02590	1¾x1 3/16	Key escutcheon

Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT BRONZE OR BRASS LOCKSETS—Packed With 1¾ Inch Knobs, With Model "C" Spindle Mounting

Set Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
AF5100	Latch	100	2	AF101¾	AF2090	None
AF5260	Inside door	260	15	AF101¾	AF2090	AF2590
AF5300	Inside door	300	16	AF101¾	AF2090	AF2590
AF5300¾	Inside door	300¾	16	AF101¾	AF2090	AF2590
AF5460	Bathroom door	460	21	AF101¾	AF2090	AF2590 x AF2490B
AF5480	Bathroom door	480	21	AF101¾	AF2090	AF2590 x AF2490B
AF5482	Communicating door	482	22	AF101¾	AF2090	AF2490B
†AF5670	Cylinder, front door	670	32	AF101¾	AF2090	1914 x AF2490B
†AF5670	Cylinder, vestibule door	670V	33	AF101¾	AF2090	1914

Packed each set in a box, complete with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT STEEL LOCKSETS—Packed With 1¾ Inch Knobs, With Model "C" Spindle Mountings

Set Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
AF05110	Latch	110	2	AF0101¾	AF02090	None
AF05250	Inside door	250	15	AF0101¾	AF02090	AF02590
AF05270	Bathroom door	470	21	AF0101¾	AF02090	AF02590 x AF02490B

Packed each set in a box, complete with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.

ALFORD DESIGN SYMBOL AF

WROUGHT BRONZE, BRASS OR STEEL

WROUGHT BRONZE OR BRASS LOCKSETS—Packed With 2 Inch Knobs, With Model "C" Spindle Mounting

Set Number	Description	Lock		Trim		
		Number	Page	Knob	Roses	Plates
AF3100	Latch	100	2	AF102	AF2090	None
AF3260	Inside door	260	15	AF102	AF2090	AF2590
AF3300	Inside door	300	16	AF102	AF2090	AF2590
AF3300¾	Inside door	300¾	16	AF102	AF2090	AF2590
AF3460	Bathroom door	460	21	AF102	AF2090	AF2590 x AF2490B
AF3480	Bathroom door	480	21	AF102	AF2090	AF2590 x AF2490B
AF3482	Communicating door	482	22	AF102	AF2090	AF2490B
†AF3670	Cylinder, front door	670	32	AF102	AF2090	1914 x AF2490B
†AF3670V	Cylinder, vestibule door	670V	33	AF102	AF2090	1914

Packed each set in a box, complete with screws.
Cylinder plates can be substituted in place of cylinder rings, at additional price. Refer to Page No. 136.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT STEEL LOCKSETS—Packed With 2 Inch Knobs, With Model "C" Spindle Mountings

AF03110	Latch	100	2	AF0102	AF02090	None
AF03250	Inside door	250	15	AF0102	AF02090	AF02590
AF03270	Bathroom door	470	21	AF0102	AF02090	AF02590 x AF02490B

Packed each set in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT BRONZE OR BRASS LOCKSETS

Packed With 2¼-inch Wrought Knobs, With Model "C" Spindle Mountings

Set Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
AF1100	Latch	100	2	AF102¼	AF2091	None
AF1120	Latch	120	3	AF102¼	AF2091	None
AF1130	Latch	130	4	AF102¼	AF2091	None
AF1260	Inside door	260	15	AF102¼	AF2091	AF2590
AF1300	Inside door	300	16	AF102¼	AF2091	AF2590
AF1300¾	Inside door	300¾	16	AF102¼	AF2091	AF2590
AF1320¾	Inside door	320¾	17	AF102¼	AF2091	AF2590
AF1370¾	Inside door	370¾	18	AF102¼	AF2091	AF2590
AF1450	Bathroom door	450	23	AF102¼	AF2091	AF2590 x AF2490B
AF1452	Communicating door	452	23	AF102¼	AF2091	AF2490B
AF1460	Bathroom door	460	21	AF102¼	AF2091	AF2590 x AF2490B
AF1480	Bathroom door	480	21	AF102¼	AF2091	AF2590 x AF2490B
AF1482	Communicating door	482	22	AF102¼	AF2091	AF2490B
†AF1670	Cylinder, front door	670	32	AF102¼	AF2091	1914 x AF2490B
†AF1670V	Cylinder, vestibule door	670V	33	AF102¼	AF2091	1914
†AF1781	Cylinder, office door	781	41	AF102¼	AF2091	1914

Packed one set in a box.
Cylinder plates can be substituted in place of cylinder ring at additional price. Refer to Page No. 136.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT STEEL LOCKSETS—Packed With 2¼" Knobs, With Model "C" Spindle Mountings

AF01110	Latch	110	2	AF0102¼	AF02091	None
AF01250	Inside door	250	15	AF0102¼	AF02091	AF02590
AF01470	Bathroom door	470	21	AF0102¼	AF02091	AF02590 x AF2490B

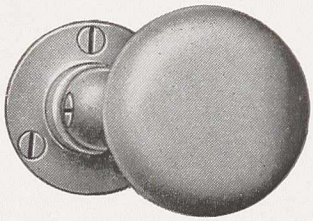
Packed each set in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

YANCEY DESIGN SYMBOL YC

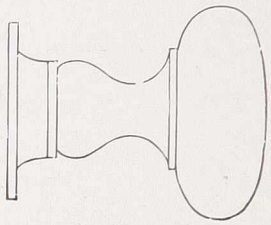
WROUGHT BRONZE OR BRASS

No. 1914

No. YC2590



No. YC102 x YC2090



Type No. YC101¾ x YC2090

Number	Size, Inches	Description
YC 101¾	1¾	Door knobs, wrought top, cast shank—Model "C" spindle mounting
YC 102	2	Door knobs, wrought top, cast shank—Model "C" spindle mounting
1914	1¾ dia.	Cylinder ring. Refer to Page No. 112.
YC2090	1¾	Knob rose
YC2490B	1⅞x⅞	Turn knob on plate, 3/16 inch spindle on diamond
YC2490½B	1⅞x⅞	Turn knob on plate, 7/32 inch flat spindle
YC2590	1⅞x⅞	Key escutcheon

Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT BRONZE OR BRASS LOCKSETS—With Cast Shank Knobs and Model "C" Spindle Mountings

Set Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
YC3100	Latch	100	2	YC102	YC2090	None
YC3260	Inside door	260	15	YC102	YC2090	YC2590
YC3300	Inside door	300	16	YC102	YC2090	YC2590
YC3460	Bathroom door	460	21	YC102	YC2090	YC2590 x YC2490B
YC3480	Bathroom door	480	21	YC102	YC2090	YC2590 x YC2490B
YC3482	Communicating door	482	22	YC102	YC2090	YC2490B
†**YC3670**	Cylinder, front door	670	32	YC102	YC2090	1914 x YC2490B
†**YC3670V**	Cylinder, vestibule door	670V	33	YC102	YC2090	1914
YC5100	Latch	100	2	YC101¾	YC2090	None
YC5260	Inside door	260	15	YC101¾	YC2090	YC2590
YC5300	Inside door	300	16	YC101¾	YC2090	YC2590
YC5460	Bathroom door	460	21	YC101¾	YC2090	YC2590 x YC2490B
YC5480	Bathroom door	480	21	YC101¾	YC2090	YC2590 x YC2490B
YC5482	Communicating door	482	22	YC101¾	YC2090	YC2490B

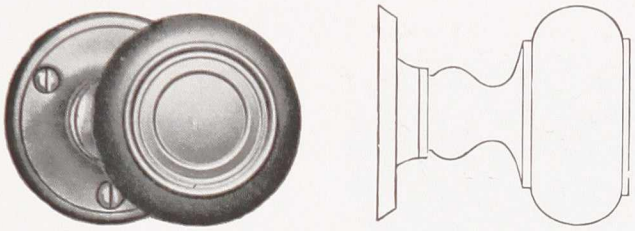
Packed each set in a box, complete with screws.
Cylinder plates can be substituted in place of cylinder ring at additional price. Refer to Page No. 136.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

YARNELL DESIGN SYMBOL YN

WROUGHT BRONZE OR BRASS

No. 1914

No. YN2590



No. YN102 x YN2090

Number	Size, Inches	Description
YN 102	2	Door knobs, wrought top cast shank—Model "C" spindle mounting
1914	1¾ Dia.	Cylinder ring. Refer to Page No. 112.
YN2090	2	Knob rose
YN2490B	2x1 1/16	Turn knob on plate, 3/16 inch spindle on diamond
YN2490½B	2x1 1/16	Turn knob on plate, 7/32 inch flat spindle
YN2590	..	Key escutcheon

Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT BRONZE OR BRASS LOCKSETS—With Cast Shank Knobs and Model "C" Spindle Mountings

Set Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
YN3100	Latch	100	2	YN102	YN2090	None
YN3260	Inside door	260	15	YN102	YN2090	YN2590
YN3300	Inside door	300	16	YN102	YN2090	YN2590
YN3460	Bathroom door	460	..	YN102	YN2090	YN2590 x YN2490B
YN3480	Bathroom door	480	21	YN102	YN2090	YN2590 x YN2490B
YN3482	Communicating door	482	22	YN102	YN2090	YN2490B
†**YN3670**	Cylinder, front door	670	32	YN102	YN2090	1914 x YN2490B
†**YN3670V**	Cylinder, vestibule door	670V	33	YN102	YN2090	1914

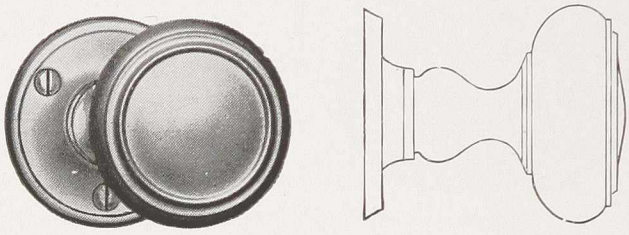
Packed each set in a box, complete with screws.
Cylinder plates can be furnished in place of cylinder ring, at additional price. Refer to Page No. 136.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

YERKES DESIGN SYMBOL YE

WROUGHT BRONZE OR BRASS

No. 1914

No. YE2590



No. YE102 x YE2090

Number	Size, Inches	Description
YE 102	2	Door knobs, wrought top, cast shank—Model "C" spindle mountings
1914	1¾ Dia.	Cylinder ring. Refer to Page No. 112.
YE2090	2	Knob rose
YE2490B	2x1 1/16	Turn knob on plate, 3/16 inch spindle on diamond
YE2490½B	2x1 1/16	Turn knob on plate, 7/32 inch flat spindle
YE2590	2x1 1/16	Key escutcheon

Specify Number and Finish. Refer to Page No. 32A for description of finish.

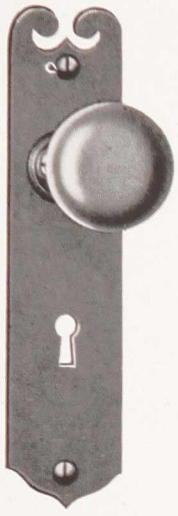
WROUGHT BRONZE OR BRASS LOCKSETS—With Cast Shank Knobs and Model "C" Spindle Mountings

Set Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
YE3100	Latch	100	2	YE102	YE2090	None
YE3260	Inside door	260	15	YE102	YE2090	YE2590
YE3300	Inside door	300	16	YE102	YE2090	YE2590
YE3460	Bathroom door	460	..	YE102	YE2090	YE2590 x YE2490B
YE3480	Bathroom door	480	21	YE102	YE2090	YE2590 x YE2490B
YE3482	Communicating door	482	22	YE102	YE2090	YE2490B
†YE3670	Cylinder, front door	670	32	YE102	YE2090	1914 x YE2490B
†YE3670V	Cylinder, vestibule door	670V	33	YE102	YE2090	1914

Packed each set in a box, complete with screws.
Cylinder plates can be furnished in place of cylinder ring, at additional price. Refer to Page No. 136.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

KIRKDALE DESIGN SYMBOL KD

WROUGHT BRONZE OR BRASS



No. KD102 x KD14

No. KD102 x KD18

Number, Bronze	Size, Inches	Description
KD14	7x1⅝	Escutcheon
KD18	10x2⅛	Escutcheon
KD102	2	Door knobs (Wrought Top, Cast Shank)—Model "C" Spindle Mounting

For escutcheons with turn knobs suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish.
Refer to Page No. 32A for description of finish.

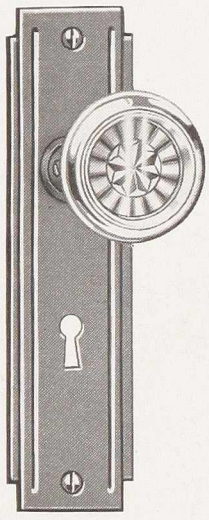
WROUGHT BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Trim	
		Number	Page		Outside	Inside
KD3100	Latch	100	2	KD102	KD14	KD14
KD3260	Inside door	260	15	KD102	KD14	KD14
KD3460½	Bathroom door (½ Trim)	460	21	½ PR-KD102	None	KD14T
KD3460	Bathroom door	460	21	KD102	KD14	KD14T
†KD3670	Cylinder, front door	670	32	KD102	KD18	KD14T
†KD3670V	Cylinder, vestibule door	670V	33	KD102	KD18	KD14

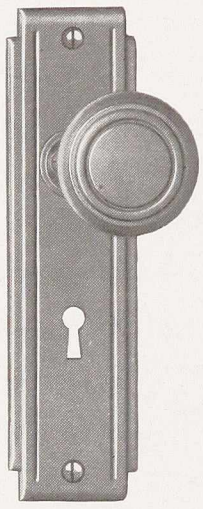
Packed each set in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

NEWBERNE DESIGN SYMBOL NB

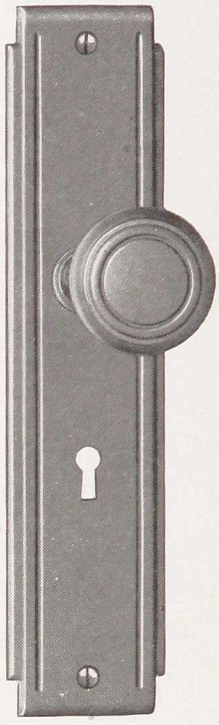
WROUGHT BRONZE, BRASS OR STEEL



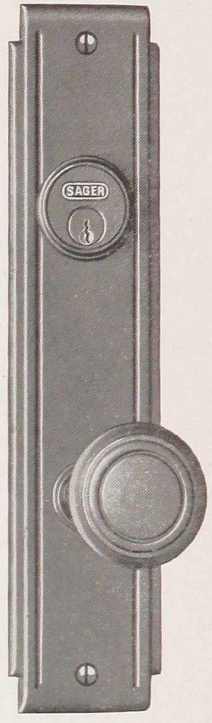
No. PF2202xNB14
No. PF2202xNB014



No. NB102xNB14
No. NB0102xNB014



No. NB102xNB18
No. NB0102xNB018



No. NB102xNB18

Number		Size, Inches	Description
Bronze	Steel		
NB11	NB011	5½x1⅛	Escutcheon
NB14	NB014	7 x1⅞	Escutcheon
NB18	NB018	10 x2¼	Escutcheon
NB102	NB0102	2	Door Knob (One Piece)—Model "C" Spindle Mounting
PF2202	.....	2	Glass Door Knob—Refer to Page No. 123
2304	02304	2⅜	Lever Handle—Refer to Page No. 125
NB3690	NB03690	10 x2¼	Push Plate
NB3690	.....	14½x2½	Push Plate
NB3890	NB03890	10 x2¼	Door Pull x Grip No. 3902. Refer to Page No. 180
NB3890	.....	14½x2½	Door Pull x Grip No. 3902. Refer to Page No. 180

For escutcheons with turn knob, suffix letter "T" to Number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page 32A for description of finish.

NEWBERNE DESIGN SYMBOL NB

WROUGHT BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Trim	
		Number	Page		Outside	Inside
NB3100	Latch	100	2	NB102	NB14	NB14
NB3240	French door	240	12	NB102	NB11	NB11
NBL3240	French door	240	12	NB102 & 2304 Lever	NB11	NB11
NB3260	Inside door	260	15	NB102	NB14	NB14
NB3460½	Bathroom door(½ Trim)	460	21	½ Pr. NB102	None	NB14T
NB3460	Bathroom door	460	21	NB102	NB14	NB14T
NB3600	Bit key, front door	600	26	NB102	NB18	NB14
†NB3670	Cylinder, front door	670	32	NB102	NB18	NB14T
†NB3670V	Cylinder, vestibule door	670V	33	NB102	NB18	NB14

WROUGHT BRONZE OR BRASS, GLASS KNOB LOCKSETS—With Model "C" Spindle Mountings

NBPF3100	Latch	100	2	PF2202	NB14	NB14
NBPF3110	Latch	*110	2	PF2202	NB14	NB14
NBPFL3240	French door	240	12	PF2202x2304 Lever	NB11	NB11
NBPF3240	French door	240	12	PF2202	NB11	NB11
NBPF3250	Inside door	*250	15	PF2202	NB14	NB14
NBPF3260	Inside door	260	15	PF2202	NB14	NB14
NBPF3460½	Bathroom door(½ Trim)	460	21	½ Pr. PF2202	None	NB14T
NBPF3460	Bathroom door	460	21	PF2202	NB14	NB14T
NB3600xPF	Bit key, front door	600	26	NB102xPF2202	NB18	NB14
†NB3670xPF	Cylinder, front door	670	32	NB102xPF2202	NB18	NB14T
†NB3670VxPF	Cylinder, vestibule door	670V	33	NB102xPF2202	NB18	NB14

Packed each set in a box, complete with screws. †Specify thickness of door. *Steel face locks
If other types of glass knobs are wanted, change the Symbol "PF" to type wanted.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT STEEL LOCKSETS—With Model "C" Spindle Mountings

NB03110	Latch	110	2	NB0102	NB014	NB014
NB03230	French door	230	11	NB0102	NB011	NB011
NB0L3230	French door	230	11	NB0102x02304 Lever	NB011	NB011
NB03250	Inside door	250	15	NB0102	NB014	NB014
NB03470½	Bathroom door(½ Trim)	470	21	½ Pr. NB0102	None	NB014T
NB03470	Bathroom door	470	21	NB0102	NB014	NB014T
NB03610	Bit key, front door	610	26	NB0102	NB018	NB014

WROUGHT STEEL, GLASS KNOB LOCKSETS—With Model "C" Spindle Mountings

NBPF03110	Latch	110	2	PF2202	NB014	NB014
NBPF0L3230	French door	230	11	PF2202x02304 Lever	NB011	NB011
NBPF03230	French door	230	11	PF2202	NB011	NB011
NBPF03250	Inside door	250	15	PF2202	NB014	NB014
NBPF03470½	Bathroom door(½ Trim)	470	21	½ Pr. PF2202	None	NB014T
NBPF03470	Bathroom door	470	21	PF2202	NB014	NB014T

Packed each set in a box, complete with screws.
If other types of glass knobs are wanted, change the Symbol "PF" to type wanted.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

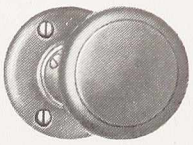
BANKHART DESIGN SYMBOL BH

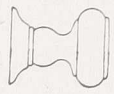
WROUGHT BRONZE OR BRASS

No. 1914

No. BH2590

No. BH2490B
No. BH2490½B





No. BH101¾ x BH2090

Number	Size, Inches	Description
BH101¾	1¾	Door knob, wrought top, cast shank, Model "C" spindle mounting
1914	1¾	Cylinder ring
BH2090	1¾	Knob rose
BH2490B	1¾x¾	Turn knob on plate, 3/16 inch spindle on diamond
BH2490½B	1¾x¾	Turn knob on plate, 7/32 inch flat spindle
BH2590	1¾x¾	Key escutcheon
BH6090	1¼	Drawer knob
2304C	2⅜	Lever handle, Model "C" spindle mounting Refer to No. 2304C, Page No. 125

Specify Number and Finish. Refer to Page No. 32A for description of finishes.

WROUGHT BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
BH5100	Latch	100	2	BH101¾	BH2090	None
BHL5240	French door	240	12	BH101¾ x 2304C Lever	BH2090	BH2590
BHL240	French door	240	12	2—2304C Levers	BH2090	BH2590
BH5260	Inside door	260	15	BH101¾	BH2090	BH2590
BH5300	Inside door	300	16	BH101¾	BH2090	BH2590
BH5300¾	Inside door	300¾	16	BH101¾	BH2090	BH2590
BH5460	Bathroom door	460	21	BH101¾	BH2090	BH2590xBH2490B
†BH5670	Cylinder, front door	670	32	BH101¾	BH2090	1914xBH2490B
†BH5670V	Cylinder, vestibule door	670V	33	BH101¾	BH2090	1914

Packed each set in a box, complete with screws.
Cylinder plates can be furnished in place of cylinder ring at additional price. Refer to Page No. 136.
Concealed screw roses can be furnished at additional price. Refer to Page No. 130.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.

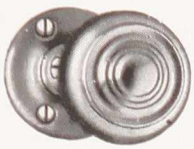
LUDLOW DESIGN SYMBOL LL

WROUGHT BRONZE OR BRASS

No. 1914

No. LL2590

No. LL2490B
No. LL2490½B



No. LL101¾ x LL2090

Number	Size, Inches	Description
LL101¾	1¾	Door knob, wrought top, cast shank, Model "C" spindle mounting
1914	1¾	Cylinder ring
LL2090	1¾	Knob rose
LL2490B	1¾x¾	Turn knob on plate, 3/16 inch spindle on diamond
LL2490½B	1¾x¾	Turn knob on plate, 7/32 inch flat spindle
LL2590	1¾x¾	Key escutcheon
2304C	2⅜	Lever handle, Model "C" spindle mounting Refer to No. 2304C, Page No. 125

Specify Number and Finish. Refer to Page No. 32A for description of finishes.

WROUGHT BRONZE OR BRASS LOCKSETS—With Cast Shank Knobs and Model "C" Spindle Mountings

Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
LL5100	Latch	100	2	LL101¾	LL2090	None
LLL5240	French door	240	12	LL101¾x2304C Lever	LL2090	LL2590
LLL240	French door	240	12	2—2304C Levers	LL2090	LL2590
LL5260	Inside door	260	15	LL101¾	LL2090	LL2590
LL5300	Inside door	300	16	LL101¾	LL2090	LL2590
LL5300¾	Inside door	300¾	16	LL101¾	LL2090	LL2590
LL5460	Bathroom door	460	21	LL101¾	LL2090	LL2590xLL2490B
†LL5670	Cylinder, front door	670	32	LL101¾	LL2090	1914xLL2490B
†LL5670V	Cylinder, vestibule door	670V	33	LL101¾	LL2090	1914

Packed each set in a box, complete with screws.
Cylinder plate can be furnished in place of cylinder ring at additional price. Refer to Page No. 136.
Concealed screw roses can be furnished at additional price. Refer to Page No. 130.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.

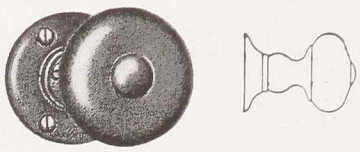
ROCKHILL DESIGN SYMBOL RH

WROUGHT BRONZE OR BRASS

No. 1914

No. RH2590

No. RH2490B
No. RH2490½B



No. RH101¾xRH2090

Number	Size, Inches	Description
RH101¾	1¾	Door knob, wrought top, cast shank, Model "C" spindle mounting
1914	1¾	Cylinder ring
RH2090	1¾	Knob rose
RH2490B	1¾x¾	Turn knob on plate, 3/16 inch spindle on diamond
RH2490½B	1¾x¾	Turn knob on plate, 7/32 inch flat spindle
RH2590	1¾x¾	Key escutcheon
RH6090	1¼	Drawer knob
2304C	2⅜	Lever handle, Model "C" spindle mounting Refer to No. 2304C, Page No. 125

Specify Number and Finish. Refer to Page No. 32A for description of finishes.

WROUGHT BRONZE OR BRASS LOCKSETS—With Cast Shank Knobs and Model "C" Spindle Mountings

Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
RH5100	Latch	100	2	RH101¾	RH2090	None
RHL5240	French door	240	12	RH101¾x2304C Lever	RH2090	RH2590
RHL240	French door	240	12	2—2304C Levers	RH2090	RH2590
RH5260	Inside door	260	15	RH101¾	RH2090	RH2590
RH5300	Inside door	300	16	RH101¾	RH2090	RH2590
RH5300¾	Inside door	300¾	16	RH101¾	RH2090	RH2590
RH5460	Bathroom door	460	21	RH101¾	RH2090	RH2590xRH2490B
†RH5670	Cylinder, front door	670	32	RH101¾	RH2090	1914xRH2490B
†RH5670V	Cylinder, vestibule door	670V	33	RH101¾	RH2090	1914

Packed each set in a box, complete with screws.
Cylinder plates can be furnished in place of cylinder ring, at additional price. Refer to Page No. 136.
Concealed screw roses can be furnished at additional price. Refer to Page No. 130.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.

ROCHESTER DESIGN SYMBOL RC

WROUGHT BRONZE OR BRASS

No. 1914

No. RC2590

No. RC2490B
No. RC2490½B

No. RC102 x RC2090

Number	Size, Inches	Description
RC102	2	Door knob, Wrought Top, Cast Shank Model "C" spindle mounting
1914	1¾	Cylinder ring
RC2090	1¾	Knob rose
RC2490B	1¾x¾	Turn knob on plate, 3/16 inch spindle on diamond
RC2490½B	1¾x¾	Turn knob on plate, 7/32 inch flat spindle
RC2590	1¾x¾	Key escutcheon
2304C	2⅜	Lever handle, Model "C" spindle mounting Refer to No. 2304C, Page No. 125

Specify Number and Finish. Refer to Page No. 32A for description of finishes.

WROUGHT BRONZE OR BRASS LOCKSETS—With Cast Shank Knobs and Model "C" Spindle Mountings

Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
RC3100	Latch	100	2	RC102	RC2090	None
RCL3240	French door	240	12	RC102x 2304C Lever	RC2090	RC2590
RCL240	French door	240	12	2—2304C Levers	RC2090	RC2590
RC3260	Inside door	260	15	RC102	RC2090	RC2590
RC3300	Inside door	300	16	RC102	RC2090	RC2590
RC3300¾	Inside door	300¾	16	RC102	RC2090	RC2590
RC3460	Bathroom door	470	21	RC102	RC2090	RC2590xRC2490B
†RC3670	Cylinder, front door	670	32	RC102	RC2090	1914xRC2490B
†RC3670V	Cylinder, vestibule door	670V	33	RC102	RC2090	1914

Packed each set in a box, complete with screws.
Cylinder plates can be furnished in place of cylinder ring at additional price. Refer to Page No. 136.
Concealed screw roses can be furnished at additional price. Refer to Page No. 130.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.

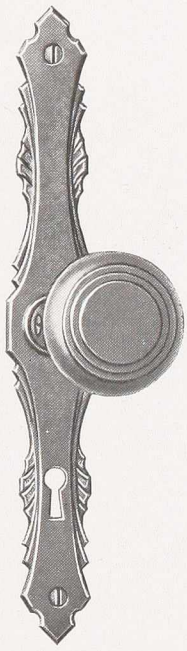
AUSTIN DESIGN SYMBOL AT

[DISCONTINUED]

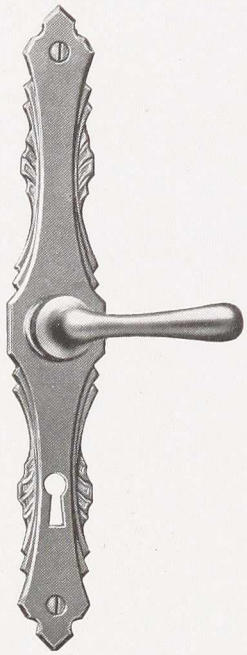
[FUTURE DESIGNS]

AUSTIN DESIGN SYMBOL AT

WROUGHT BRONZE, BRASS OR STEEL



No. AT102 x AT14
No. AT0102 x AT014



No. 2304 x AT14
No. 02304 x AT014

No. JF2202 x AT14
No. JF2202 x AT014

No. PF2202 x AT14
No. PF2202 x AT014

Number		Size, Inches	Description
Bronze	Steel		
AT14	**AT014**	9⅛x1½	Escutcheon
AT102	**AT0102**	2	Door knobs (one piece) Model "C" Spindle Mountings
JF2202	.....	2	Glass door knobs—Refer to Page No. 123.
PF2202	.....	2	Glass door knobs—Refer to Page No. 123.

For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT BRONZE AND BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
AT3100	Latch.....	100	2	AT102	AT14	AT14
ATL3240	French door.....	240	12	AT102 x 2304 Lever	AT14	AT14
AT3260	Inside door.....	260	15	AT102	AT14	AT14
AT3300	Inside door.....	300	16	AT102	AT14	AT14
AT3460	Bathroom door.....	460	21	AT102	AT14	AT14T
ATJF3100	Latch.....	100	2	JF2202	AT14	AT14
ATJFL3240	French door.....	240	12	JF2202 x 2304 Lever	AT14	AT14
ATJF3260	Inside door.....	260	15	JF2202	AT14	AT14
ATJF3300	Inside door.....	300	16	JF2202	AT14	AT14
ATJF3460	Bathroom door.....	460	21	JF2202	AT14	AT14T

Packed each set in a box, complete with screws. If other types of glass knobs are wanted, change Symbol "JF" to type wanted.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT STEEL LOCKSETS—With Model "C" Spindle Mountings

AT03110	Latch.....	110	2	AT0102	AT014	AT014
ATOL3230	French door.....	230	11	AT0102 x 02340 Lever	AT014	AT014
AT03250	Inside door.....	250	15	AT0102	AR014	AT014
AT03470	Bathroom door.....	470	21	AT0102	AT014	AT014T
ATJF03110	Latch.....	110	2	JF2202	AT014	AT014
ATJF0L3230	French door.....	230	11	JF2202 x 02340 Lever	AT014	AT014
ATJF03250	Inside door.....	250	15	JF2202	AT014	AT014
ATJF03470	Bathroom door.....	470	21	JF2202	AT014	AT014T

Packed each set in a box, complete with screws. If other types of glass knobs are wanted, change Symbol "JF" to type wanted.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

AVON DESIGN SYMBOL AV

WROUGHT BRONZE, BRASS OR STEEL

No. AV102 x AV14
No. AV0102 x AV014

No. 2304 x AV14
No. 02304 x AV014

No. JF2202 x AV14
No. JF2202 x AV014

No. PF2202 x AV14
No. PF2202 x AV014

Number		Size, Inches	Description
Bronze	Steel		
AV14	**AV014**	8½x1⅝	Escutcheon
AV102	**AV0102**	2	Door knobs (one piece)—Model "C" Spindle Mountings
JF2202	.....	2	Glass door knobs—Refer to Page No. 123.
PF2202	.....	2	Glass door knobs—Refer to Page No. 123.

For escutcheons with turn knobs, suffix Letter "T" to number. When ordering escutcheons only, specify lock with which they are to be used. Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT BRONZE AND BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
AV3100	Latch.....	100	2	AV102	AV14	AV14
AVL3240	French door.....	240	12	AV102 x 2304 Lever	AV14	AV14
AV3260	Inside door.....	260	15	AV102	AV14	AV14
AV3300	Inside door.....	300	16	AV102	AV14	AV14
AV3460	Bathroom door.....	460	21	AV102	AV14	AV14T
AVJF3100	Latch.....	100	2	JF2202	AV14	AV14
AVJFL3240	French door.....	240	12	JF2202 x 2304 Lever	AV14	AV14
AVJF3260	Inside door.....	260	15	JF2202	AV14	AV14
AVJF3300	Inside door.....	300	16	JF2202	AV14	AV14
AVJF3460	Bathroom door.....	460	21	JF2202	AV14	AV14T

Packed each set in a box, complete with screws. *Steel face locks. For entrance door handle sets, refer to Page No. 227. If other types of glass knobs are wanted, change the Symbol "JF" to type wanted. Specify Number and Finish. Refer to Page No. 32A for description of finish.

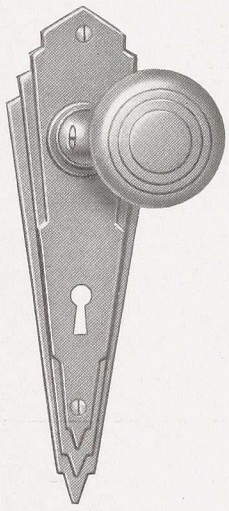
WROUGHT STEEL LOCKSETS—With Model "C" Spindle Mountings

AV03110	Latch.....	110	2	AV0102	AV014	AV014
AV0L3230	French door.....	230	11	AV0102 x 02304 Lever	AV014	AV014
AV03250	Inside door.....	250	15	AV0102	AV014	AV014
AV03470	Bathroom door.....	470	21	AV0102	AV014	AV014T
AVJF03110	Latch.....	110	2	JF2202	AV014	AV014
AVJF0L3230	French door.....	230	11	JF2202 x 02304 Lever	AV014	AV014
AVJF03250	Inside door.....	250	15	JF2202	AV014	AV014
AVJF03470	Bathroom door.....	470	21	JF2202	AV014	AV014T

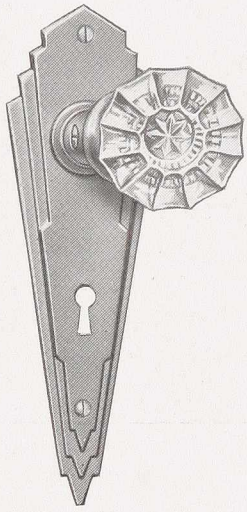
Packed each set in a box, complete with screws. If other types of glass knobs are wanted, change the Symbol "JF" to type wanted. Specify Number and Finish. Refer to Page No. 32A for description of finish.

CORTEZ DESIGN SYMBOL CT

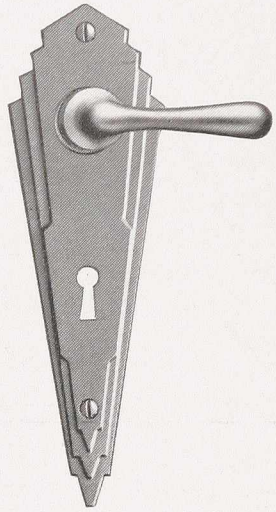
WROUGHT BRONZE, BRASS OR STEEL



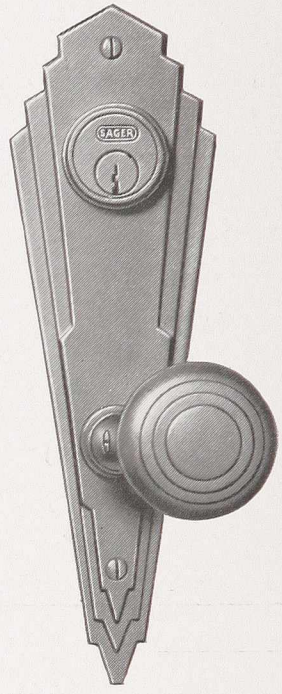
No. CT102 x CT14
No. CT0102 x CT014



No. JF2202 x CT14
No. JF2202 x CT014



No. 2304 x CT11
No. 02304 x CT011



No. CT102¼ x CT18

No. CT102¼ x CT18
No. CT0102¼ x CT018

Number		Size, Inches	Description
Bronze	Steel		
CT11	**CT011**	6⅜x1¾	Escutcheons
CT14	**CT014**	7⅛x2¼	Escutcheons
CT18	**CT018**	9½x3	Escutcheons
CT102	**CT0102**	2	Door knobs (one piece)—Model "C" spindle mountings
CT102¼	**CT0102¼**	2¼	Door knobs (one piece)—Model "C" spindle mountings
JF2202	.....	2	Glass door knobs—Refer to Page No. 123

For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CORTEZ DESIGN SYMBOL CT

WROUGHT BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Trim	
		Number	Page		Outside	Inside
CT3100	Latch	100	2	CT102	CT14	CT14
CT3240	French door	240	12	CT102	CT11	CT11
CTL3240	French door	240	12	CT102 x 2304 Lever	CT11	CT11
CT3260	Inside door	260	15	CT102	CT14	CT14
CT3460½	Bathroom door (½ Trim)	460	21	½ Pr. CT102	None	CT14T
CT3460	Bathroom door	460	21	CT102	CT14	CT14T
CT1600	Bit key, front door	600	26	CT102¼ x CT102	CT18	CT14
†CT1670	Cylinder, front door	670	32	CT102¼ x CT102	CT18	CT14T
†CT1670V	Cylinder, vestibule door	670V	33	CT102¼ x CT102	CT18	CT14

WROUGHT BRONZE OR BRASS, GLASS KNOB LOCKSETS—With Model "C" Spindle Mountings

CTJF3100	Latch	100	2	JF2202	CT14	CT14
CTJF3110	Latch	*110	2	JF2202	CT14	CT14
CTJFL3230	French door	*230	11	JF2202 x 2304 Lever	CT11	CT11
CTJF3230	French door	*230	11	JF2202	CT11	CT11
CTJFL3240	French door	240	12	JF2202 x 2304 Lever	CT11	CT11
CTJF3240	French door	240	12	JF2202	CT11	CT11
CTJF3250	Inside door	*250	15	JF2202	CT14	CT14
CTJF3260	Inside door	260	15	JF2202	CT14	CT14
CTJF3460½	Bathroom door (½ Trim)	460	21	½ Pr. JF2202	None	CT14T
CTJF3460	Bathroom door	460	21	JF2202	CT14	CT14T
CTJF3470½	Bathroom door (½ Trim)	*470	21	½ Pr. JF2202	None	CT14T
CTJF3470	Bathroom door	*470	21	JF2202	CT14	CT14T
CT1600xJF	Bit key, front door	600	26	CT102¼ x JF2202	CT18	CT14
†CT1670xJF	Cylinder, front door	670	32	CT102¼ x JF2202	CT18	CT14T
†CT1670VxJF	Cylinder, vestibule door	670V	33	CT102¼ x JF2202	CT18	CT14

Packed each set in a box, complete with screws. †Specify thickness of door. *Steel face locks.
If other types of glass knobs are wanted, change the Symbol "JF" to type wanted.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
For entrance door handle set, refer to Page No 230.

WROUGHT STEEL LOCKSETS—With Model "C" Spindle Mountings

CT03110	Latch	110	2	CT0102	CT014	CT014
CT03230	French door	230	11	CT0102	CT011	CT011
CT0L3230	French door	230	11	CT0102 x 02304 Lever	CT011	CT011
CT03250	Inside door	250	15	CT0102	CT014	CT014
CT03470½	Bathroom door (½ Trim)	470	21	½ Pr. CT0102	None	CT014T
CT03470	Bathroom door	470	21	CT0102	CT014	CT014T
CT01610	Bit key, front door	610	26	CT0102¼ x CT0102	CT018	CT014

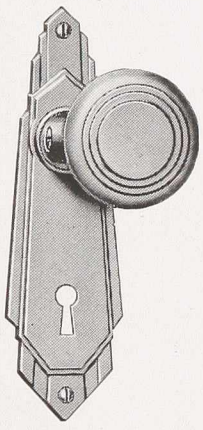
WROUGHT STEEL, GLASS KNOB LOCKSETS—With Model "C" Spindle Mountings

CTJF03110	Latch	110	2	JF2202	CT014	CT014
CTJF0L3230	French door	230	11	JF2202 x 02304 Lever	CT011	CT011
CTJF03230	French door	230	11	JF2202	CT011	CT011
CTJF03250	Inside door	250	15	JF2202	CT014	CT014
CTJF03470½	Bathroom door (½ Trim)	470	21	½ Pr. JF2202	None	CT014T
CTJF03470	Bathroom door	470	21	JF2202	CT014	CT014T

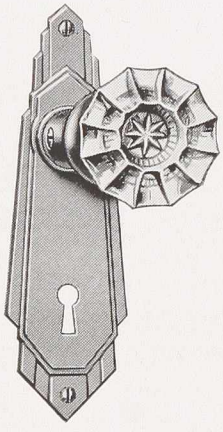
Packed each set in a box, complete with screws. If other types of glass knobs are wanted, change the Symbol "JF" to type wanted
Specify Number and Finish. Refer to Page No. 32A for description of finish.

ELKHART DESIGN SYMBOL EH

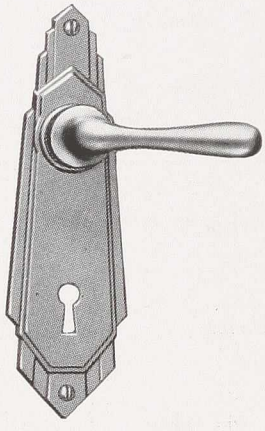
WROUGHT BRONZE, BRASS OR STEEL



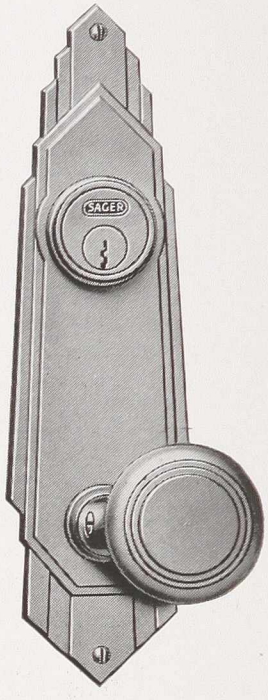
No. EH102 x EH14
No. EH0102 x EH014



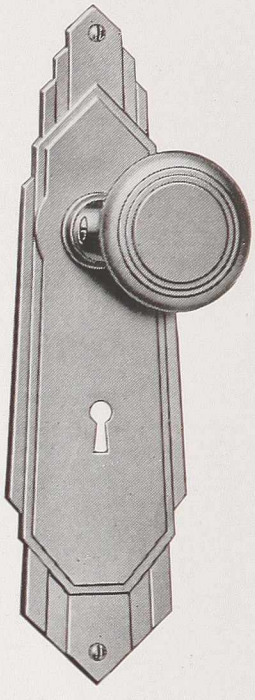
No. JF2202 x EH14
No. JF2202 x EH014



No. 2304 x EH14
No. 02304 x EH014



No. EH102¼ x EH18
No. EH0102¼ x EH018



No. EH102¼ x EH18

Number		Size, Inches	Description
Bronze	Steel		
EH14	**EH014**	5⅞x1¾	Escutcheon
EH18	**EH018**	9½x2⅝	Escutcheon
EH102	**EH0102**	2	Door knobs (one piece)—Model "C" Spindle Mountings
EH102¼	**EH0102¼**	2¼	Door knobs (one piece)—Model "C" Spindle Mountings
JF2202	.....	2	Glass door knobs—Refer to Page No. 123.
2304	02304	2⅜	Lever Handle, Refer to Page 125.

For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

ELKHART DESIGN SYMBOL EH

WROUGHT BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Trim	
		Number	Page		Outside	Inside
EH3100	Latch	100	2	EH102	EH14	EH14
EH3240	French door	240	12	EH102	EH14	EH14
EHL3240	French door	240	12	EH102 x 2304 Lever	EH14	EH14
EH3260	Inside door	260	15	EH102	EH14	EH14
EH3460½	Bathroom door (½ Trim)	460	21	½ Pr. EH102	None	EH14T
EH3460	Bathroom door	460	21	EH102	EH14	EH14T
EH1600	Bit key, front door	600	36	EH102¼ x EH102	EH18	EH14
†EH1670	Cylinder, front door	670	32	EH102¼ x EH102	EH18	EH14T
†EH1670V	Cylinder, vestibule	670V	33	EH102¼ x EH102	EH18	EH14

WROUGHT BRONZE OR BRASS, GLASS KNOB LOCKSETS—With Model "C" Spindle Mountings

EHJF3100	Latch	100	2	JF2202	EH14	EH14
EHJF3110	Latch	*110	2	JF2202	EH14	EH14
EHJFL3230	French door	*230	11	JF2202 x 2304 Lever	EH14	EH14
EHJF3230	French door	*230	11	JF2202	EH14	EH14
EHJFL3240	French door	240	12	JF2202 x 2304 Lever	EH14	EH14
EHJF3240	French door	240	12	JF2202	EH14	EH14
EHJF3250	Inside door	*250	15	JF2202	EH14	EH14
EHJF3260	Inside door	260	15	JF2202	EH14	EH14
EHJF3460½	Bathroom door (½ Trim)	460	21	½ Pr. JF2202	None	EH14T
EHJF3460	Bathroom door	460	21	JF2202	EH14	EH14T
EHJF3470½	Bathroom door (½ Trim)	*470	21	½ Pr. JF2202	None	EH14T
EHJF3470	Bathroom door	*470	21	JF2202	EH14	EH14T
†EH1600xJF	Bit key, front door	600	26	EH102¼ x JF2202	EH18	EH14
†EH1670xJF	Cylinder, front door	670	32	EH102¼ x JF2202	EH18	EH14T
†EH1670VxJF	Cylinder, vestibule door	670V	33	EH102¼ x JF2202	EH18	EH14

Packed each set in a box, complete with screws. †Specify thickness of door. *Steel face locks.
For entrance door handle set, refer to Page No. 230. Specify Number and Finish. Refer to Page No. 32A for description of finish.
If other types of glass knobs are wanted, change the Symbol "JF" to type wanted.

WROUGHT STEEL LOCKSETS—With Model "C" Spindle Mountings

EH03110	Latch	110	2	EH0102	EH014	EH014
EH03230	French door	230	11	EH0102	EH014	EH014
EH0L3230	French door	230	11	EH0102 x 02304 Lever	EH014	EH014
EH03250	Inside door	250	15	EH0102	EH014	EH014
EH03470½	Bathroom door (½ Trim)	470	21	½ Pr. EH0102	None	EH014T
EH03470	Bathroom door	470	21	EH0102	EH014	EH014T
EH01610	Bit key, front door	610	26	EH0102¼ x EH0102	EH018	EH014

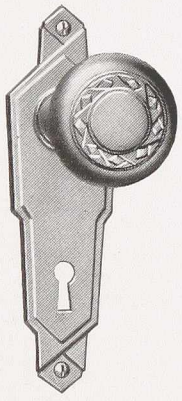
WROUGHT STEEL, GLASS KNOB LOCKSETS—With Model "C" Spindle Mountings

EHJF03110	Latch	110	2	JF2202	EH014	EH014
EHJF0L3230	French door	230	11	JF2202 x 02304 Lever	EH014	EH014
EHJF03230	French door	230	11	JF2202	EH014	EH014
EHJF03250	Inside door	250	15	JF2202	EH014	EH014
EHJF03470½	Bathroom door (½ Trim)	470	21	½ Pr. JF2202	None	EH014T
EHJF03470	Bathroom door	470	21	JF2202	EH014	EH014T

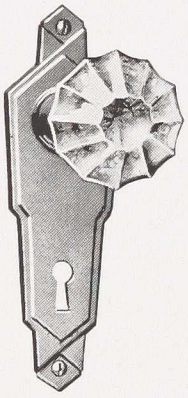
Packed each set in a box, complete with screws. If other types of glass knobs are wanted, change the Symbol "JF" to type wanted.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

EXMOOR DESIGN SYMBOL EM

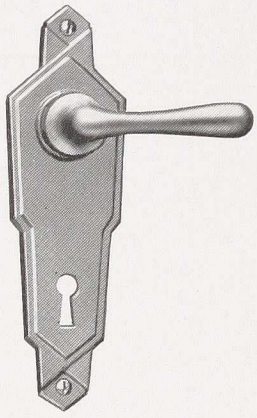
WROUGHT BRONZE, BRASS OR STEEL



No. EM102 x EM14
No. EM0102 x EM014



No. JF2202 x EM14
No. JF2202 x EM014



No. 2304 x EM14
No. 02304 x EM014

No. EM102¼ x EM18

No. EM102¼ x EM18
No. EM0102¼ x EM018

Number		Size, Inches	Description
Bronze	Steel		
EM14	**EM014**	5½x1¾	Escutcheon
EM18	**EM018**	9 x2½	Escutcheon
EM102	**EM0102**	2	Door knobs (one piece)—Model "C" Spindle Mountings
EM102¼	**EM0102¼**	2¼	Door knobs (one piece)—Model "C" Spindle Mountings
JF2202	.....	2	Glass door knobs—Refer to Page No. 123.

For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

EXMOOR DESIGN SYMBOL EM

WROUGHT BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Trim	
		Number	Page		Outside	Inside
EM3100	Latch	100	2	EM102	EM14	EM14
EM3240	French door	240	12	EM102	EM14	EM14
EML3240	French door	240	12	EM102 x 2304 Lever	EM14	EM14
EM3260	Inside door	260	15	EM102	EM14	EM14
EM3460½	Bathroom door (½ Trim)	460	21	½ Pr. EM102	None	EM14T
EM3460	Bathroom door	460	21	EM102	EM14	EM14T
EM1600	Bit Key, front door	600	26	EM102¼	EM18	EM14
†EM1670	Cylinder, front door	670	32	EM102¼ x EM102	EM18	EM14T
†EM1670V	Cylinder, vestibule door	670V	33	EM102¼ x EM102	EM18	EM14

WROUGHT BRONZE OR BRASS, GLASS KNOB LOCKSETS—With Model "C" Spindle Mountings

EMJF3100	Latch	100	2	JF2202	EM14	EM14
EMJF3110	Latch	*110	2	JF2202	EM14	EM14
EMJFL3230	French door	*230	11	JF2202 x 2304 Lever	EM14	EM14
EMJF3230	French door	*230	11	JF2202	EM14	EM14
EMJFL3240	French door	240	12	JF2202 x 2304 Lever	EM14	EM14
EMJF3240	French door	240	12	JF2202	EM14	EM14
EMJF3250	Inside door	*250	15	JF2202	EM14	EM14
EMJF3260	Inside door	260	15	JF2202	EM14	EM14
EMJF3460½	Bathroom door (½ Trim)	460	21	½ Pr. JF2202	None	EM14T
EMJF3460	Bathroom door	460	21	JF2202	EM14	EM14T
EMJF3470½	Bathroom door (½ Trim)	*470	21	½ Pr. JF2202	None	EM14T
EMJF3470	Bathroom door	*470	21	JF2202	EM14	EM14T
EM1600xJF	Bit key, front door	600	26	EM102¼ x JF2202	EM18	EM14
†EM1670xJF	Cylinder, front door	670	32	EM102¼ x JF2202	EM18	EM14T
†EM1670VxJF	Cylinder, vestibule door	670V	33	EM102¼ x JF2202	EM18	EM14

Packed each set in a box, complete with screws. †Specify thickness of door. *Steel face locks.
For entrance door handle set, refer to Page No. 230.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
If other types of glass knobs are wanted, change the Symbol "JF" to type wanted.

WROUGHT STEEL, GLASS KNOB LOCKSETS—With Model "C" Spindle Mountings

EM03110	Latch	110	2	EM0102	EM014	EM014
EM03230	French door	230	11	EM0102	EM014	EM014
EM0L3230	French door	230	11	EM0102 x 02304 Lever	EM014	EM014
EM03250	Inside door	250	15	EM0102	EM014	EM014
EM03470½	Bathroom door (½ Trim)	470	21	½ Pr. EM0102	None	EM014T
EM03470	Bathroom door	470	21	EM0102	EM014	EM014T
EM01610	Bit key, front door	610	26	EM0102¼	EM018	EM014

WROUGHT STEEL LOCKSETS—With Model "C" Spindle Mountings

EMJF03110	Latch	110	2	JF2202	EM014	EM014
EMJF0L3230	French door	230	11	JF2202 x 02304 Lever	EM014	EM014
EMJF03230	French door	230	11	JF2202	EM014	EM014
EMJF03250	Inside door	250	15	JF2202	EM014	EM014
EMJF03470½	Bathroom door (½ Trim)	470	21	½ Pr. JF2202	None	EM014T
EMJF03470	Bathroom door	470	21	JF2202	EM014	EM014T

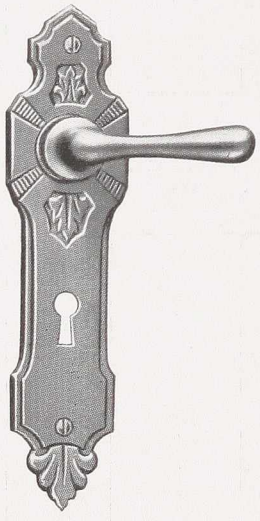
Packed each set in a box, complete with screws. If other types of glass knobs are wanted, change the Symbol "JF" to type wanted
Specify Number and Finish. Refer to Page No. 32A for description of finish.

EMPIRE DESIGN SYMBOL EP

WROUGHT BRONZE, OR STEEL

No. EP102 x EP14
No. EP0102 x EP014

No. JF2202 x EP14
No. JF2202 x EP014



No. 2304 x EP14
No. 02304 x EP014

No. EP102 x EP18

No. EP102 x EP18
No. EP102 x EP018

Number		Size, Inches	Description
Bronze	Steel		
EP14	**EP014**	7¼x1¾	Escutcheon
EP18	**EP018**	9⅞x2⅜	Escutcheon
EP102	**EP0102**	2	Door knobs (one piece)—Model "C" Spindle Mountings
JF2202	.....	2	Glass door knob—Refer to Page No. 123.

For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

EMPIRE DESIGN SYMBOL EP

WROUGHT BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Trim	
		Number	Page		Outside	Inside
EP3100	Latch	100	2	EP102	EP14	EP14
EP3240	French door	240	12	EP102	EP14	EP14
EPL3240	French door	240	12	EP102 x 2304 Lever	EP14	EP14
EP3260	Inside door	260	15	EP102	EP14	EP14
EP3460½	Bathroom door (½ Trim)	460	21	½ Pr. EP102	None	EP14T
EP3460	Bathroom door	460	21	EP102	EP14	EP14T
EP3600	Bit key, front door	600	26	EP102	EP18	EP14
†EP3670	Cylinder, front door	670	32	EP102	EP18	EP14T
†EP3670V	Cylinder, vestibule door	670V	33	EP102	EP18	EP14

WROUGHT BRONZE OR BRASS, GLASS KNOB LOCKSETS—With Model "C" Spindle Mountings

EPJF3100	Latch	100	2	JF2202	EP14	EP14
EPJF3110	Latch	*110	2	JF2202	EP14	EP14
EPJFL3230	French door	*230	11	JF2202 x 2304 Lever	EP14	EP14
EPJF3230	French door	*230	11	JF2202	EP14	EP14
EPJFL3240	French door	240	12	JF2202 x 2304 Lever	EP14	EP14
EPJF3240	French door	240	12	JF2202	EP14	EP14
EPJF3250	Inside door	*250	15	JF2202	EP14	EP14
EPJF3260	Inside door	260	15	JF2202	EP14	EP14
EPJF3460½	Bathroom door (½ Trim)	460	21	½ Pr. JF2202	None	EP14T
EPJF3460	Bathroom door	460	21	JF2202	EP14	EP14T
EPJF3470½	Bathroom door (½ Trim)	*470	21	½ Pr. JF2202	None	EP14T
EPJF3470	Bathroom door	*470	21	JF2202	EP14	EP14T
EP3600xJF	Bit key, front door	600	26	EP102 x JF2202	EP18	EP14
†EP3670xJF	Cylinder, front door	670	32	EP102 x JF2202	EP18	EP14T
†EP3670VxJF	Cylinder, vestibule door	670V	33	EP102 x JF2202	EP18	EP14

Packed each set in a box, complete with screws. †Specify thickness of door. *Steel face locks.
If other types of glass knobs are wanted, change the Symbol "JF" to type wanted.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT STEEL LOCKSETS—With Model "C" Spindle Mountings

EP03110	Latch	110	2	EP0102	EP014	EP014
EP03230	French door	230	11	EP0102	EP014	EP014
EP0L3230	French door	230	11	EP0102 x 02304 Lever	EP014	EP014
EP03250	Inside door	250	15	EP0102	EP014	EP014
EP03470½	Bathroom door (½ Trim)	470	21	½ Pr. EP0102	None	EP014T
EP03470	Bathroom door	470	21	EP0102	EP014	EP014T
EP03610	Bit key, front door	610	26	EP0102	EP018	EP014

WROUGHT STEEL, GLASS KNOB LOCKSETS—With Model "C" Spindle Mountings

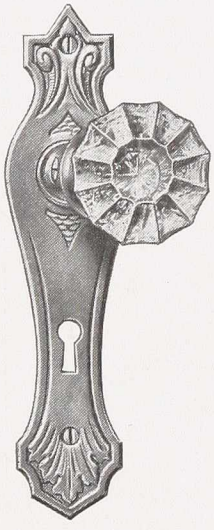
EPJF03110	Latch	110	2	JF2202	EP014	EP014
EPJF0L3230	French door	230	11	JF2202 x 02304 Lever	EP014	EP014
EPJF03230	French door	230	11	JF2202	EP014	EP014
EPJF03250	Inside door	250	15	JF2202	EP014	EP014
EPJF03470½	Bathroom door (½ Trim)	470	21	½ Pr. JF2202	None	EP014T
EPJF03470	Bathroom door	470	21	JF2202	EP014	EP014T

Packed each set in a box, complete with screws. If other types of glass knobs are wanted, change the Symbol "JF" to type wanted.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

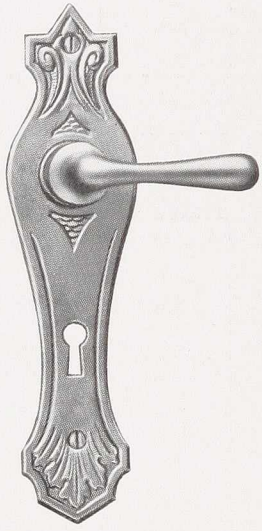
EASTWOOD DESIGN SYMBOL EW

WROUGHT BRONZE, BRASS OR STEEL

No. EW102 x EW14
No. EW0102 x EW014



No. JF2202 x EW14
No. JF02202 x EW014



No. 2304 x EW14
No. 02304 x EW014

No. EW102 x EW18

No. EW102 x EW18
No. EW0102 x EW018

Number		Size, Inches	Description
Bronze	Steel		
EW14	**EW014**	7¼x1⅞	Escutcheon
EW18	**EW018**	10¼x2½	Escutcheon
EW102	**EW0102**	2	Door knobs (one piece)—Model "C" Spindle Mountings
JF2202	.....	2	Glass door knob—Refer to Page No. 123.

For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

EASTWOOD DESIGN SYMBOL EW

WROUGHT BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Trim	
		Number	Page		Outside	Inside
EW3100	Latch	100	2	EW102	EW14	EW14
EW3240	French door	240	12	EW102	EW14	EW14
EWL3240	French door	240	12	EW102 x 2304 Lever	EW14	EW14
EW3260	Inside door	260	15	EW102	EW14	EW14
EW3460½	Bathroom door (½ Trim)	460	21	½ Pr. EW102	None	EW14T
EW3460	Bathroom door	460	21	EW102	EW14	EW14T
EW3600	Bit key, front door	600	26	EW102	EW18	EW14
†EW3670	Cylinder, front door	670	32	EW102	EW18	EW14T
†EW3670V	Cylinder, vestibule door	670V	33	EW102	EW18	EW14

WROUGHT BRONZE OR BRASS, GLASS KNOB LOCKSETS—With Model "C" Spindle Mountings

EWJF3100	Latch	100	2	JF2202	EW14	EW14
EWJF3110	Latch	*110	2	JF2202	EW14	EW14
EWJFL3230	French door	*230	11	JF2202 x 2304 Lever	EW14	EW14
EWJF3230	French door	*230	11	JF2202	EW14	EW14
EWJFL3240	French door	240	12	JF2202 x 2304 Lever	EW14	EW14
EWJF3240	French door	240	12	JF2202	EW14	EW14
EWJF3250	Inside door	*250	15	JF2202	EW14	EW14
EWJF3260	Inside door	260	15	JF2202	EW14	EW14
EWJF3460½	Bathroom door (½ Trim)	460	21	½ Pr. JF2202	None	EW14T
EWJF3460	Bathroom door	460	21	JF2202	EW14	EW14T
EWJF3470½	Bathroom door (½ Trim)	*470	21	½ Pr. JF2202	None	EW14T
EWJF3470	Bathroom door	*470	21	JF2202	EW14	EW14T
EW3600xJF	Bit key, front door	600	26	EW102 x JF2202	EW18	EW14
†EW3670xJF	Cylinder, front door	670	32	EW102 x JF2202	EW18	EW14T
†EW3670VxJF	Cylinder, vestibule door	670V	33	EW102 x JF2202	EW18	EW14

Packed each set in a box, complete with screws. †Specify thickness of door. *Steel face locks.
If other types of glass knobs are wanted, change the Symbol "JF" 'to type wanted.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT STEEL LOCKSETS—With Model "C" Spindle Mountings

EW03110	Latch	110	2	EW0102	EW014	EW014
EW03230	French door	230	11	EW0102	EW014	EW014
EW0L3230	French door	230	11	EW0102 x 02304 Lever	EW014	EW014
EW03250	Inside door	250	15	EW0102	EW014	EW014
EW03470½	Bathroom door (½ Trim)	470	21	EW0102	None	EW014T
EW03470	Bathroom door	470	21	EW0102	EW014	EW014T
EW03610	Bit key, front door	610	26	EW0102	EW018	EW014

WROUGHT STEEL, GLASS KNOB LOCKSETS—With Model "C" Spindle Mountings

EWJF03110	Latch	110	2	JF2202	EW014	EW014
EWJF0L3230	French door	230	11	JF2202 x 02304 Lever	EW014	EW014
EWJF03230	French door	230	11	JF2202	EW014	EW014
EWJF03250	Inside door	250	15	JF2202	EW014	EW014
EWJF03470½	Bathroom door (½ Trim)	470	21	½ Pr. JF2202	None	EW014T
EWJF03470	Bathroom door	470	21	JF2202	EW014	EW014T

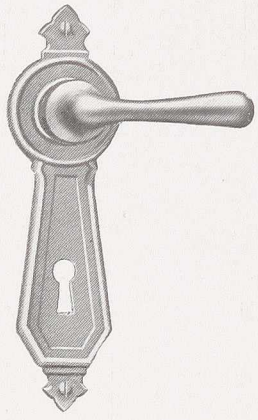
Packed each set in a box, complete with screws.
If other types of glass knobs are wanted, change the Symbol "JF" to type wanted.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

HILLROSE DESIGN SYMBOL HR

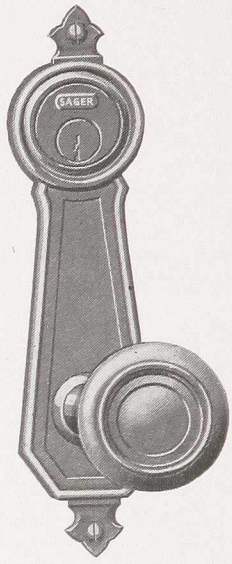
WROUGHT BRONZE, BRASS OR STEEL

No. HR102 x HR14
No. HR0102 x HR014

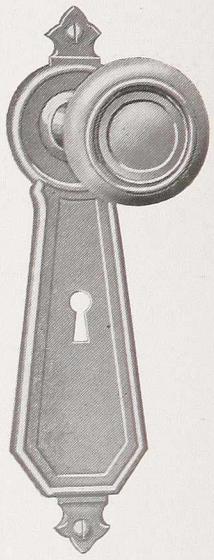
No. JF2202 x HR14
No. JF2202 x HR014



No. 2304 x HR14
No. 02304 x HR014



No. HR102¼ x HR18



No. HR102¼ x HR18
No. HR0102¼ x HR018

Number		Size, Inches	Description
Bronze	Steel		
HR14	**HR014**	5⅝x1⅝	Escutcheon
HR18	**HR018**	7⅞x1⅞	Escutcheon
HR102	**HR0102**	2	Door knobs (one piece)—Model "C" Spindle Mountings
HR102¼	**HR0102¼**	2¼	Door knobs (one piece)—Model "C" Spindle Mountings
JF2202	.....	2	Glass door knobs—Refer to Page No. 123.

For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

HILLROSE DESIGN SYMBOL HR

WROUGHT BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Trim	
		Number	Page		Outside	Inside
HR3100	Latch	100	2	HR102	HR14	HR14
HR3240	French door	240	12	HR102	HR14	HR14
HRL3240	French door	240	12	HR102 x 2304 Lever	HR14	HR14
HR3260	Inside door	260	15	HR102	HR14	HR14
HR3460½	Bathroom door(½ Trim)	460	21	½ Pr. HR102	None	HR14T
HR3460	Bathroom door	460	21	HR102	HR14	HR14T
HR1600	Bit key, front door	600	26	HR102¼ x HR102	HR18	HR14
†HR1670	Cylinder, front door	670	32	HR102¼ x HR102	HR18	HR14T
†HR1670V	Cylinder, vestibule door	670V	33	HR102¼ x HR102	HR18	HR14

WROUGHT BRONZE OR BRASS, GLASS KNOB LOCKSETS—With Model "C" Spindle Mountings

HRJF3100	Latch	100	2	JF2202	HR14	HR14
HRJF3110	Latch	*110	2	JF2202	HR14	HR14
HRJFL3230	French door	*230	11	JF2202 x 2304 Lever	HR14	HR14
HRJF3230	French door	*230	11	JF2202	HR14	HR14
HRJFL3240	French door	240	12	JF2202 x 2304 Lever	HR14	HR14
HRJF3240	French door	240	12	JF2202	HR14	HR14
HRJF3250	Inside door	*250	15	JF2202	HR14	HR14
HRJF3260	Inside door	260	15	JF2202	HR14	HR14
HRJF3460½	Bathroom door(½ Trim)	460	21	½ Pr. JF2202	None	HR14T
HRJF3460	Bathroom door	460	21	JF2202	HR14	HR14T
HRJF3470½	Bathroom door(½ Trim)	*470	21	½ Pr. JF2202	None	HR14T
HRJF3470	Bathroom door	*470	21	JF2202	HR14	HR14T
HR1600xJF	Bit key, front door	600	26	HR102¼ x JF2202	HR18	HR14
†HR1670xJF	Cylinder, front door	670	32	HR102¼ x JF2202	HR18	HR14T
†HR1670VxJF	Cylinder, vestibule door	670V	33	HR102¼ x JF2202	HR18	HR14

Packed each set in a box, complete with screws. †Specify thickness of door. *Steel face locks.
If other types of glass knobs are wanted, change the Symbol "JF" to type wanted.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT STEEL LOCKSETS—With Model "C" Spindle Mountings

HR03110	Latch	110	2	HR0102	HR014	HR014
HR03230	French door	230	11	HR0102	HR014	HR014
HR0L3230	French door	230	11	HR0102 x 02304 Lever	HR014	HR014
HR03250	Inside door	250	15	HR0102	HR014	HR014
HR03470½	Bathroom door(½ Trim)	470	21	½ Pr. HR0102	None	HR014T
HR03470	Bathroom door	470	21	HR0102	HR014	HR014T
HR01610	Bit key, front door	610	26	HR0102¼ x HR0102	HR018	HR014

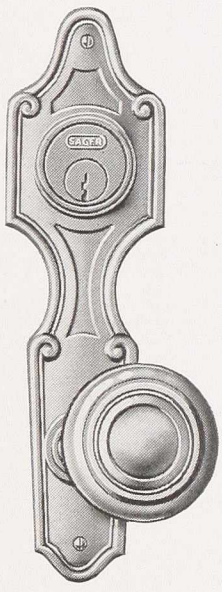
WROUGHT STEEL, GLASS KNOB LOCKSETS—With Model "C" Spindle Mountings

HRJF03110	Latch	110	2	JF2202	HR014	HR014
HRJF0L3230	French door	230	11	JF2202 x 02304 Lever	HR014	HR014
HRJF03230	French door	230	11	JF2202	HR014	HR014
HRJF03250	Inside door	250	15	JF2202	HR014	HR014
HRJF03470½	Bathroom door(½ Trim)	470	21	½ Pr. JF2202	None	HR014T
HRJF03470	Bathroom door	470	21	JF2202	HR014	HR014T

Packed each set in a box, complete with screws.
If other types of glass knobs are wanted, change the Symbol "JF" to type wanted.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MAYBROOK DESIGN SYMBOL MB

WROUGHT BRONZE, BRASS OR STEEL



No. MB102¼ x MB18

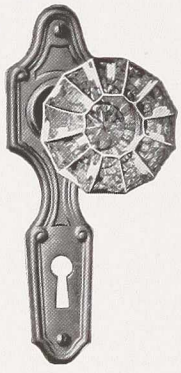
No. MB3290

No. MB102 x MB2090
No. MB0102 x MB02090

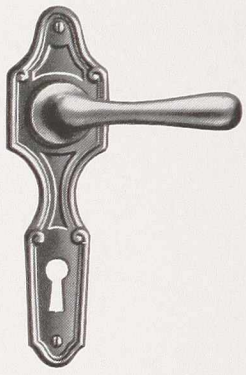
No. MB2590
No. MB02590

No. MB102¼ x MB18
No. MB0102¼ x MB018

No. MB102 x MB14
No. MB0102 x MB014



No. JF2202 x MB14
No. JF2202 x MB014



No. 2304 x MB14
No. 02304 x MB014

Number		Size, Inches	Description
Bronze	Steel		
MB14	**MB014**	5 1/8x1 1/2	Escutcheon
MB18	**MB018**	8 3/8x2 3/8	Escutcheon
MB102	**MB0102**	2	Door knobs (one piece)—Model "C" Spindle Mountings
MB102¼	**MB0102¼**	2¼	Door knobs (one piece)—Model "C" Spindle Mountings
JF2202	.....	2	Glass door knob—Refer to Page No. 123.
MB2090	**MB02090**	2½x1¾	Knob rose
MB2090½	**MB02090½**	2½x1¾	Turn knob on plate, 7/32 inch flat spindle
MB2490½B	**MB02490½B**	2½x1¾	Turn knob on plate, 7/32 inch flat spindle
MB2490B	**MB02490B**	2 3/8x1 3/16	Turn knob on plate, 3/16 inch spindle on diamond
MB2590	**MB02590**	2 3/8x1 3/16	Key escutcheon
MB3290	.....	2½x1¾	Push button

For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MAYBROOK DESIGN SYMBOL MB

WROUGHT BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Trim	
		Number	Page		Outside	Inside
MB3100	Latch	100	2	MB102	MB14	MB14
MB3240	French door	240	12	MB102	MB14	MB14
MBL3240	French door	240	12	MB102 x 2304 Lever	MB14	MB14
MB3260	Inside door	260	15	MB102	MB14	MB14
MB3460½	Bathroom door (½ Trim)	460	21	½ Pr. MB102	None	MB14T
MB3460	Bathroom door	460	21	MB102	MB14	MB14T
MB1600	Bit key, front door	600	26	MB102¼	MB18	MB14
†MB1670	Cylinder, front door	670	32	MB102¼ x MB102	MB18	MB14T
†MB1670V	Cylinder, vestibule door	670V	33	MB102¼ x MB102	MB18	MB14

WROUGHT BRONZE OR BRASS, GLASS KNOB LOCKSETS—With Model "C" Spindle Mountings

MBJF3100	Latch	100	2	JF2202	MB14	MB14
MBJF3110	Latch	*110	2	JF2202	MB14	MB14
MBJFL3230	French door	*230	11	JF2202 x 2304 Lever	MB14	MB14
MBJF3230	French door	*230	11	JF2202	MB14	MB14
MBJFL3240	French door	240	12	JF2202 x 2304 Lever	MB14	MB14
MBJF3240	French door	240	12	JF2202	MB14	MB14
MBJF3250	Inside door	*250	15	JF2202	MB14	MB14
MBJF3260	Inside door	260	15	JF2202	MB14	MB14
MBJF3460½	Bathroom door (½ Trim)	460	21	½ Pr. JF2202	None	MB14T
MBJF3460	Bathroom door	460	21	JF2202	MB14	MB14T
MBJF3470½	Bathroom door (½ Trim)	*470	21	½ Pr. JF2202	None	MB14T
MBJF3470	Bathroom door	*470	21	JF2202	MB14	MB14T
MB1600xJF	Bit key, front door	600	26	MB102¼ x JF2202	MB18	MB14
†MB1670xJF	Cylinder, front door	670	32	MB102¼ x JF2202	MB18	MB14T
†MB1670VxJF	Cylinder, vestibule door	670V	33	MB102¼ x JF2202	MB18	MB14

Packed each set in a box, complete with screws. †Specify thickness of door. *Steel face locks.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
If other types of glass knobs are wanted, change the Symbol "JF" to type wanted.

WROUGHT STEEL LOCKSETS—With Model "C" Spindle Mountings

MB03110	Latch	110	2	MB0102	MB014	MB014
MB0L3230	French door	230	11	MB0102 x 02304 Lever	MB014	MB014
MB03250	Inside door	250	15	MB0102	MB014	MB014
MB03470½	Bathroom door (½ Trim)	470	21	½ Pr. MB0102	None	MB014T
MB03470	Bathroom door	470	21	MB0102	MB014	MB014T
MB01610	Bit key, front door	610	26	MB0102¼	MB018	MB014

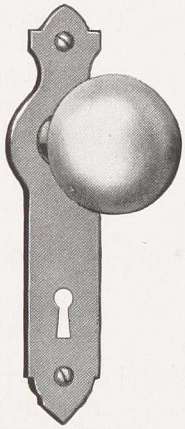
WROUGHT STEEL GLASS KNOB LOCKSETS—With Model "C" Spindle Mountings

MBJF03110	Latch	110	2	JF2202	MB014	MB014
MBJF0L3230	French door	230	11	JF2202 x 02304 Lever	MB014	MB014
MBJF03230	French door	230	11	JF2202	MB014	MB014
MBJF03250	Inside door	250	15	JF2202	MB014	MB014
MBJF03470½	Bathroom door (½ Trim)	470	21	½ Pr. JF2202	None	MB014T
MBJF03470	Bathroom door	470	21	JF2202	MB014	MB014T

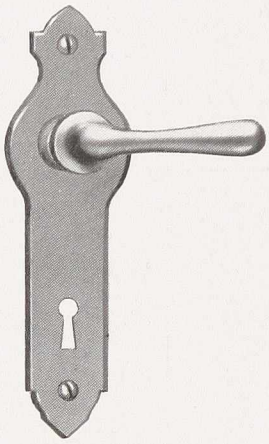
Packed each set in a box, complete with screws.
If other types of glass knobs are wanted, change the Symbol "JF" to type wanted.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MOHAWK DESIGN SYMBOL MH

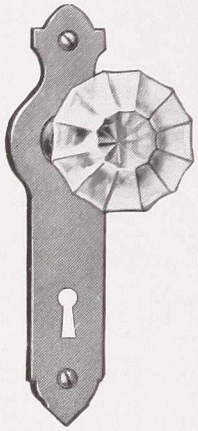
WROUGHT BRONZE, BRASS OR STEEL



No. MH102 x MH14
No. MH0102 x MH014



No. 2304 x MH14
No. 02304 x MH014



No. JF2202 x MH14
No. JF2202 x MH014

No. MH102 x MH18

Number		Size, Inches	Description
Bronze	Steel		
MH14	**MH014**	6 x1¾	Escutcheon
MH18	.....	8¾x2	Escutcheon
MH102	**MH0102**	2	Door knobs (one piece)—Model "C" Spindle Mounting
JF2202	.....	.....	Glass door knobs—Refer to Page No. 123.

For escutcheons with turn knobs suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish.
Refer to Page No. 32A for description of finish.

MOHAWK DESIGN SYMBOL MH

WROUGHT BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Trim	
		Number	Page		Outside	Inside
MH3100	Latch	100	2	MH102	MH14	MH14
MH3240	French door	240	12	MH102	MH14	MH14
MHL3240	French door	240	12	MH102 x 2304 Lever	MH14	MH14
MH3260	Inside door	260	15	MH102	MH14	MH14
MH3460½	Bathroom door(½ Trim)	460	21	½ Pr. MH102	None	MH14T
MH3460	Bathroom door	460	21	MH102	MH14	MH14T
†MH3670	Cylinder, front door	670	32	MH102	MH18	MH14T
†MH3670V	Cylinder, vestibule door	670V	33	MH102	MH18	MH14

WROUGHT BRONZE OR BRASS GLASS KNOB LOCKSETS—With Model "C" Spindle Mountings

MHJF3100	Latch	100	2	JF2202	MH14	MH14
MHJF3110	Latch	*110	2	JF2202	MH14	MH14
MHJFL3230	French door	*230	11	JF2202 x 2304 Lever	MH14	MH14
MHJF3230	French door	*230	11	JF2202	MH14	MH14
MHJFL3240	French door	240	12	JF2202 x 2304 Lever	MH14	MH14
MHJF3240	French door	240	12	JF2202	MH14	MH14
MHJF3250	Inside door	*250	15	JF2202	MH14	MH14
MHJF3260	Inside door	260	15	JF2202	MH14	MH14
MHJF3460½	Bathroom door(½ Trim)	460	21	½ Pr. JF2202	None	MH14T
MHJF3460	Bathroom door	460	21	JF2202	MH14	MH14T
MHJF3470½	Bathroom door(½ Trim)	*470	21	½ Pr. JF2202	None	MH14T
MHJF3470	Bathroom door	*470	21	JF2202	MH14	MH14T
†MH3670xJF	Cylinder, front door	670	32	MH102 x JF2202	MH18	MH14T
†MH36670VxJF	Cylinder, vestibule door	670V	33	MH102 x JF2202	MH18	MH14

Packed each set in a box, complete with screws. †Specify thickness of door. *Steel face locks.
If other types of glass knobs are wanted, change the Symbol "JF" to type wanted.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT STEEL LOCKSETS—With Model "C" Spindle Mountings

MH03110	Latch	110	2	MH0102	MH014	MH014
MH03230	French door	230	11	MH0102	MH014	MH014
MH0L3230	French door	230	11	MH0102 x 02304 Lever	MH014	MH014
MH03250	Inside door	250	15	MH0102	MH014	MH014
MH03470½	Bathroom door(½ Trim)	470	21	½ Pr. MH0102	None	MH014T
MH03470	Bathroom door	470	21	MH0102	MH014	MH014T

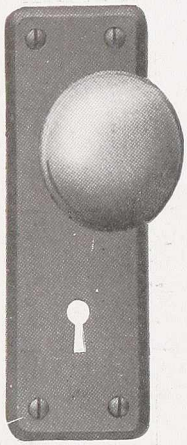
WROUGHT STEEL GLASS KNOB LOCKSETS—With Model "C" Spindle Mountings

MHJF03110	Latch	110	2	JF2202	MH014	MH014
MHJF0L3230	French door	230	11	JF2202 x 02304 Lever	MH014	MH014
MHJF03230	French door	230	11	JF2202	MH014	MH014
MHJF03250	Inside door	250	15	JF2202	MH014	MH014
MHJF03470½	Bathroom door(½ Trim)	470	21	½ Pr. JF2202	None	MH014T
MHJF03470	Bathroom door	470	21	JF2202	MH014	MH014T

Packed each set in a box, complete with screws.
If other types of glass knobs are wanted, change the Symbol "JF" to type wanted.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

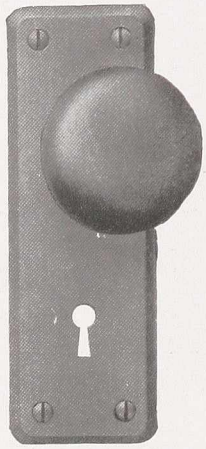
AKRON DESIGN SYMBOL AR

WROUGHT BRONZE, BRASS OR STEEL

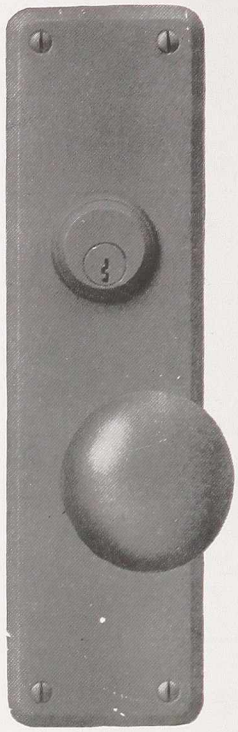


No. AR102¼ x AR14
No. AR0102¼ x AR014

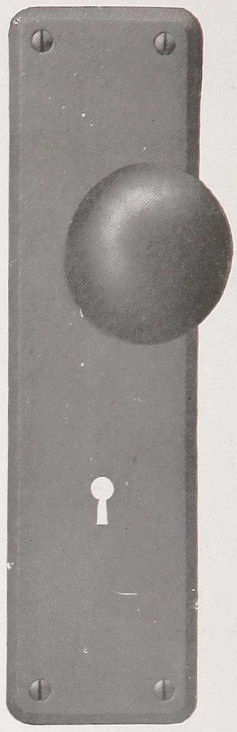
No. AR30
No. AR030



No. AR0202¼ x AR014



No. AR102¼ x AR18



No. AR102¼ x AR18
No. AR0102¼ x AR018

WROUGHT BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
AR1100	Latch	100	2	AR102¼	AR10	AR10
ARL5240	French door	240	12	AR101¾ x 2304 Lever	AR11	AR11
AR1260	Inside door	260	15	AR102¼	AR14	AR14
AR1300	Inside door	300	16	AR102¼	AR14	AR14
AR1300¾	Inside door	300¾	16	AR102¼	AR14	AR14
AR1320¾	Inside door	320¾	17	AR102¼	AR14	AR14
AR1370¾	Inside door	370¾	18	AR102¼	AR14	AR14
AR1460½	Bathroom door (½ Trim)	460	21	½ Pr. AR102¼	None	AR14T
AR1460	Bathroom door	460	21	AR102¼	AR14	AR14T
AR1482	Communicating door	482	22	AR102¼	AR14T	AR14T
AR1600	Bit key, front door	600	26	AR102¼	AR18	AR14
†AR1670	Cylinder, front door	670	32	AR102¼	AR18	AR14T
†AR1670V	Cylinder, vestibule door	670V	33	AR102¼	AR18	AR14
†AR1670VZ	Cylinder, vestibule door	670V	33	AR102¼	AR16	AR14
†AR1781	Cylinder, office door	781	41	AR102¼	AR18	AR14
AR944	Sliding door, single	944	83	None	AR30	AR30
AR944D	Sliding door, double	944D	83	None	AR30	AR30

For entrance door handle sets, refer to Page Nos. 244 and 245.
Packed each set in a box, complete with screws. †Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT STEEL LOCKSETS—With Standard Spindle Mountings

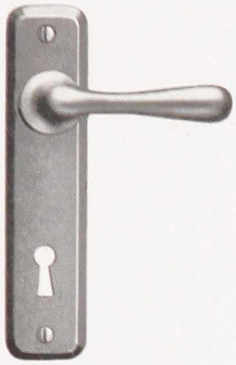
AR01110	Latch	110	2	AR0102¼	AR010	AR010
AR02110	Latch	110	2	AR0202¼	AR010	AR010
AR0L5230	French door	230	11	AR0101¾ x 02304 Lever	AR011	AR011
AR01250	Inside door	250	15	AR0102¼	AR014	AR014
AR02250	Inside door	250	15	AR0202¼	AR014	AR014
AR01470½	Bathroom door (½ Trim)	470	21	½ Pr. AR0102¼	None	AR014T
AR02470½	Bathroom door (½ Trim)	470	21	½ Pr. AR0202¼	None	AR014T
AR01470	Bathroom door	470	21	AR0102¼	AR014	AR014T
AR02470	Bathroom door	470	21	AR0202¼	AR014	AR014T
AR01610	Bit key, front door	610	26	AR0102¼	AR018	AR014
AR02610	Bit key, front door	610	26	AR0202¼	AR018	AR014
AR0945	Sliding door, single	945	83	None	AR030	AR030
AR0945D	Sliding door, double	945D	83	None	AR030	AR030

Specify Number and Finish. Refer to Page No. 32A for description of finish. Packed each set in a box, complete with screws.

AKRON DESIGN SYMBOL AR

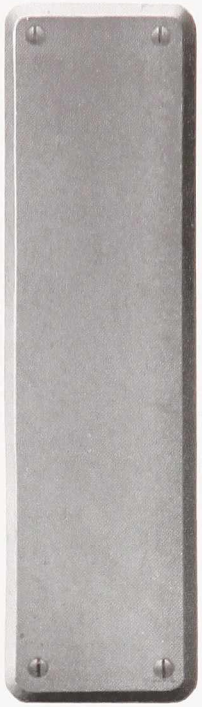
WROUGHT BRONZE, BRASS OR STEEL

No. AR2590
No. AR02590

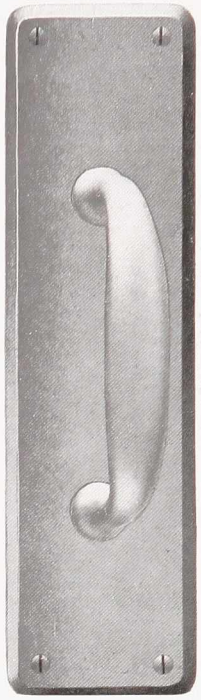


No. 2304 x AR11
No. 02304 x AR011

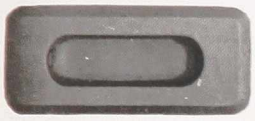
No. AR3290



No. AR3690
No. AR03690



No. AR3890
No. AR03890



No. AR4390
No. AR04390

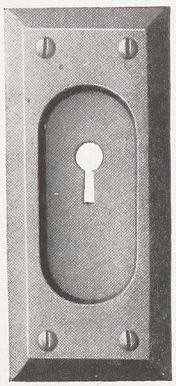
No. AR5890
No. AR05890

Number		Size, Inches	Description
Bronze	Steel		
AR10	**AR010**	3½x1½	Escutcheons
AR11	**AR011**	5 x1⅛	Escutcheons
AR13	**AR013**	6 x2	Escutcheons
AR14	**AR014**	7 x2¼	Escutcheons
AR16	**AR016**	8 x2½	Escutcheons
AR18	**AR018**	10 x2¾	Escutcheons
AR30	**AR030**	6 x2	Escutcheons for sliding door locks
***AR101¾**	***AR0101¾**	1¾	Door knobs (one piece)
***AR102¼**	***AR0102¼**	2¼	Door knobs (one piece)
.....	***AR0202¼**	2¼	Door knobs (two piece)
AR2590	**AR02590**	2⅛x1⅛	Key escutcheon
AR3290	.....	3½x1½	Push button
AR3690	.....	.....	Push plates—Refer to No. 3650, Page No. 169.
.....	**AR03690**	.....	Push plates—Refer to No. 03650, Page No. 169.
AR3890	.....	.....	Door pulls—Refer to No. 3850, Page No. 174.
.....	**AR03890**	.....	Door pulls—Refer to No. 03850, Page No. 174.
AR4390	**AR04390**	1½x3½	Flush sash lift
AR5890	**AR05890**	1½x3½	Drop handle drawer pull

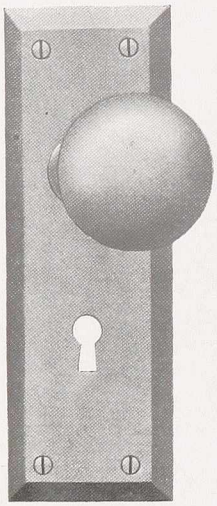
For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
*Bronze knobs have Model "C" spindle mountings.
*Steel knobs have standard spindle mountings.

ATWOOD DESIGN SYMBOL AW

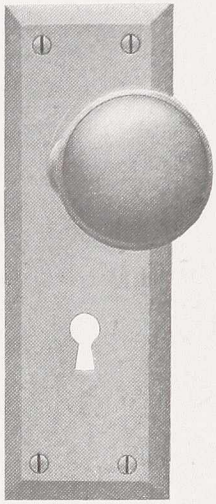
WROUGHT BRONZE, BRASS OR STEEL



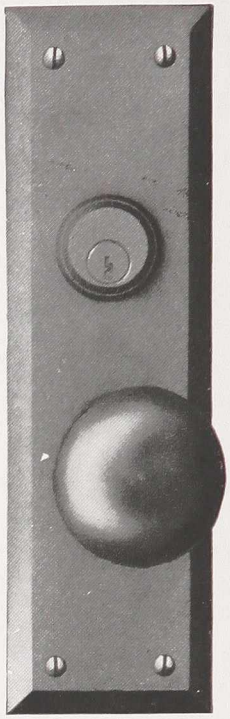
No. AW30
No. AW030



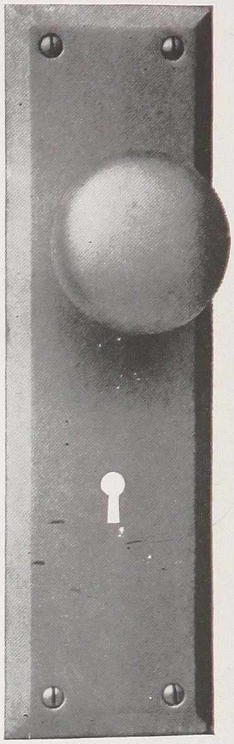
No. AW102¼ x AW14
No. AW0102¼ x AW014



No. AW0202¼ x AW014



No. AW102¼ x AW18



No. AW102¼ x AW18
No. AW0102¼ x AW018

WROUGHT BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
AW1100	Latch	100	2	AW102¼	AW10	AW10
AWL5240	French door	240	12	AW101¾ x 2304 Lever	AW11	AW11
AW1260	Inside door	260	15	AW102¼	AW14	AW14
AW1300	Inside door	300	16	AW102¼	AW14	AW14
AW1300¾	Inside door	300¾	16	AW102¼	AW14	AW14
AW1320¾	Inside door	320¾	17	AW102¼	AW14	AW14
AW1370¾	Inside door	370¾	18	AW102¼	AW14	AW14
AW1460½	Bathroom door (½ Trim)	460	21	½ Pr. AW102¼	None	AW14T
AW1460	Bathroom door	460	21	AW102¼	AW14	AW14T
AW1482	Communicating door	482	22	AW102¼	AW14T	AW14T
AW1600	Bit key, front door	600	26	AW102¼	AW18	AW14
†AW1670	Cylinder, front door	670	32	AW102¼	AW18	AW14T
†AW1670V	Cylinder, vestibule door	670V	33	AW102¼	AW18	AW14
†AW1670VZ	Cylinder, vestibule door	670V	33	AW102¼	AW16	AW14
†AW1781	Cylinder, office door	781	41	AW102¼	AW18	AW14
AW944	Sliding door, single	944	83	None	AW30	AW30
AW944D	Sliding door, double	944D	83	None	AW30	AW30

For entrance door handle sets, refer to Pages Nos. 226, 227, 244 and 245. Packed each set in a box, complete with screws. †Specify thickness of door. Specify Number and Finish. Refer to Page No. 32A for description of finish.

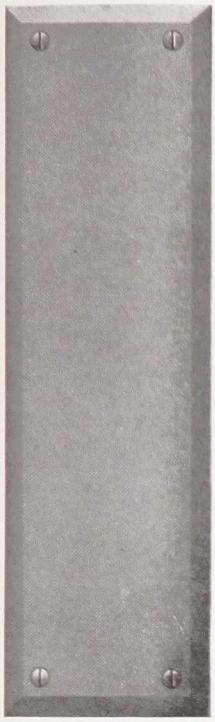
WROUGHT STEEL LOCKSETS—With Standard Spindle Mountings

AW01110	Latch	110	2	AW0102¼	AW010	AW010
AW02110	Latch	110	2	AW0202¼	AW010	AW010
AW0L5230	French door	230	11	AW0101¾ x 02304 Lever	AW011	AW011
AW01250	Inside door	250	15	AW0102¼	AW014	AW014
AW02250	Inside door	250	15	AW0202¼	AW014	AW014
AW01470½	Bathroom door (½ Trim)	470	21	½ Pr. AW0102¼	None	AW014T
AW02470½	Bathroom door (½ Trim)	470	21	½ Pr. AW0202¼	None	AW014T
AW01470	Bathroom door	470	21	AW0102¼	AW014	AW014T
AW02470	Bathroom door	470	21	AW0202¼	AW014	AW014T
AW01610	Bit key, front door	610	26	AW0102¼	AW018	AW014
AW02610	Bit key, front door	610	26	AW0202¼	AW018	AW014
AW0945	Sliding door, single	945	83	None	AW030	AW030
AW0945D	Sliding door, double	945D	83	None	AW030	AW030

Packed each set in a box, complete with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.

ATWOOD DESIGN SYMBOL AW

WROUGHT BRONZE, BRASS OR STEEL

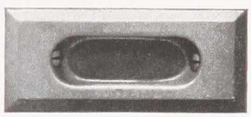


No. AW3690
No. AW03690

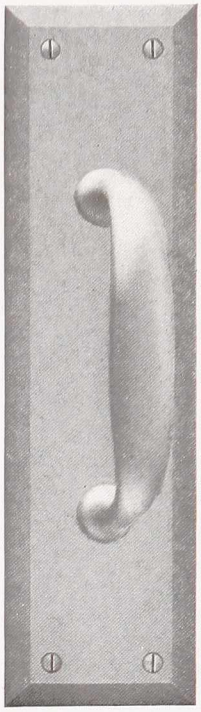
No. AW2590
No. AW02590

No. 2304 x AW11
No. 02304 x AW011

No. AW3290



No. AW4390
No. AW04390



No. AW3890
No. AW03890

Number		Size, Inches	Description
Bronze	Steel		
AW10	AW010	4x1 1/2	Escutcheons
AW11	AW011	5x1 1/8	Escutcheons
AW14	AW014	7x2 1/4	Escutcheons
AW16	AW016	8x2 1/2	Escutcheons
AW18	AW018	10x2 3/4	Escutcheons
AW30	AW030	6x2 1/2	Escutcheons for sliding door locks
*AW101 3/4	*AW0101 3/4	1 3/4	Door knobs (one piece)
*AW102 1/4	*AW0102 1/4	2 1/4	Door knobs (one piece)
.....	*AW0202 1/4	2 1/4	Door knobs (two pieces)
AW2590	AW02590	2x1 1/8	Key escutcheon
AW3290	.....	4x1 1/2	Push button
AW3690	.....	.....	Push plates—Refer to No. 3652, Page No. 169.
.....	AW03690	.....	Push plates—Refer to No. 03652, Page No. 169.
AW3890	.....	.....	Door pulls—Refer to No. 3852, Page No. 174.
.....	AW03890	.....	Door pulls—Refer to No. 03852, Page No. 174.
AW4390	AW04390	1 5/8x3 3/4	Flush sash lift
AW5890	AW05890	1 1/2x4	Drop handle drawer pull

For escutcheons with turn knobs, suffix Letter "T" to number.

When ordering escutcheons only, specify lock with which they are to be used.

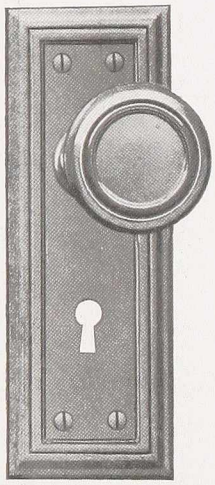
Specify Number and Finish. Refer to Page No. 32A for description of finish.

*Bronze knobs have model "C" spindle mountings.

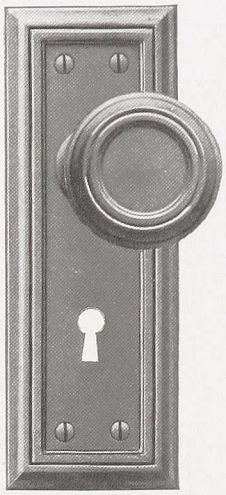
*Steel knobs have standard spindle mountings.

BELMONT DESIGN SYMBOL BM

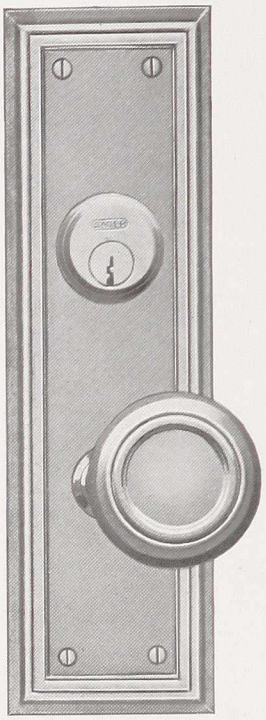
WROUGHT BRONZE, BRASS OR STEEL



No. BM102¼ x BM14
No. BM0102¼ x BM014



No. BM0202¼ x BM014



No.BM102¼ x BM18

No. BM102¼ x BM18
No. BM0102¼ x BM018

WROUGHT BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
BM1100	Latch	100	2	BM102¼	BM10	BM10
BM1260	Inside door	260	15	BM102¼	BM14	BM14
BM1300	Inside door	300	16	BM102¼	BM14	BM14
BM1300¾	Inside door	300¾	16	BM102¼	BM14	BM14
BM1460	Bathroom door	460	21	BM102¼	BM14	BM14T
BM1482	Communicating door	482	22	BM102¼	BM14T	BM14T
BM1600	Bit key, front door	600	26	BM102¼	BM18	BM14
†BM1670	Cylinder, front door	670	32	BM102¼	BM18	BM14T
†BM1670V	Cylinder, vestibule door	670V	33	BM102¼	BM18	BM14
BM944	Sliding door' single	944	83	None	BM30	BM30
BM944D	Sliding door, double	944D	83	None	BM30	BM30

Packed each set in a box, complete with screws. †Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT STEEL LOCKSETS—With Standard Spindle Mountings

BM01110	Latch	110	2	BM0102¼	BM010	BM010
BM02110	Latch	110	2	BM0202¼	BM010	BM010
BM01250	Inside door	250	15	BM0102¼	BM014	BM014
BM02250	Inside door	250	15	BM0202¼	BM014	BM014
BM01470	Bathroom door	470	21	BM0102¼	BM014	BM014T
BM02470	Bathroom door	470	21	BM0202¼	BM014	BM014T
BM01610	Bit key, front door	610	26	BM0102¼	BM018	BM014
BM02610	Bit key, front door	610	26	BM0202¼	BM018	BM014
BM0945	Sliding door, single	945	83	None	BM030	BM030
BM0945D	Sliding door, double	945D	83	None	BM030	BM030

Packed each set in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

BELMONT DESIGN SYMBOL BM

WROUGHT BRONZE, BRASS OR STEEL

No. BM4390
No. BM04390

No. BM3290

No. BM30
No. BM030

No. BM3690
No. BM03690

No. BM3890
No. BM03890

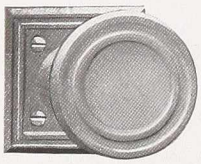
Number		Size, Inches	Description
Bronze	Steel		
BM10	BM010	3½x1½	Escutcheons
BM14	BM014	7 x2¼	Escutcheons
BM18	BM018	10 x3	Escutcheons
BM30	BM030	6⅞x2½	Escutcheons for sliding door locks
*BM102¼	*BM0102¼	2¼	Door knobs (one piece)
.....	*BM0202¼	2¼	Door knobs (two piece)
BM3290	.....	3½x1½	Push button
BM3690	BM03690	10 x3	Push plates
BM3890	.....	10 x3	Door pull x No. 3901 Grip. Refer to Page No. 180.
.....	BM03890	10 x3	Door pull x No. 03901 Grip. Refer to Page No. 180.
BM4390	BM04390	1½x3½	Flush sash lift

For escutcheons with turn knobs suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
*Bronze knobs have Model "C" mountings.
*Steel knobs have Standard mountings.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

BRISTOL DESIGN SYMBOL BT

WROUGHT BRONZE, BRASS OR STEEL

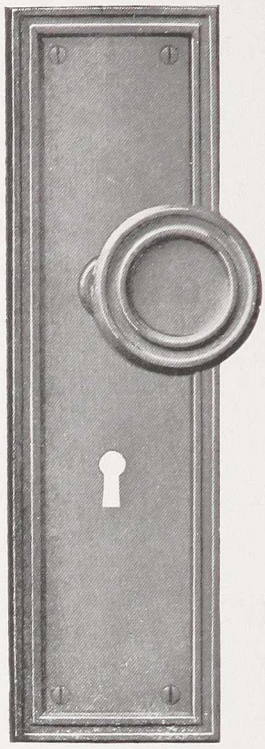
No. BT30
No. BT030



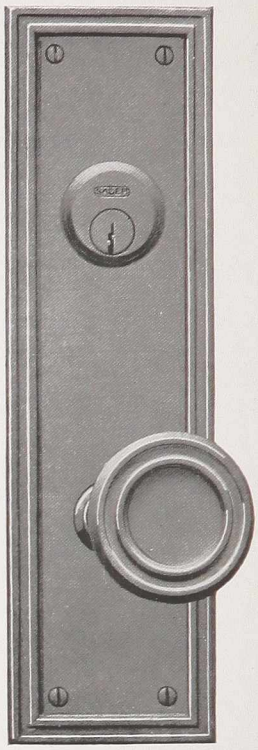
No. BT102¼ x BT2090
No. BT0102¼ x BT02090

No. BT2590
No. BT02590

No. BT102¼ x BT14
No. BT0102¼ x BT014



No. BT102¼ x BT18
No. BT0102¼ x BT018



No. BT102¼ x BT18

WROUGHT BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
BT1100	Latch	100	2	BT102¼	BT10	BT10
BT1260	Inside door	260	15	BT102¼	BT14	BT14
BT1300	Inside door	300	16	BT102¼	BT14	BT14
BT1300¾	Inside door	300¾	16	BT102¼	BT14	BT14
BT1460	Bathroom door	460	21	BT102¼	BT14	BT14T
BT1482	Communicating door	482	22	BT102¼	BT14T	BT14T
BT1600	Bit key, front door	600	26	BT102¼	BT18	BT14
†BT1670	Cylinder, front door	670	32	BT102¼	BT18	BT14T
†BT1670V	Cylinder, vestibule door	670V	33	BT102¼	BT18	BT14
†BT1670VZ	Cylinder, vestibule door	670V	33	BT102¼	BT16	BT14
BT944	Sliding door, single	944	83	None	BT30	BT30
BT944D	Sliding door, double	944D	83	None	BT30	BT30

For entrance handle sets, Refer to Page No. 228. †Specify thickness of door.
Packed each set in a box, complete with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT STEEL LOCKSETS—With Standard Spindle Mountings

BT01110	Latch	110	2	BT0102¼	BT010	BT010
BT01250	Inside door	250	15	BT0102¼	BT014	BT014
BT01470	Bathroom door	470	21	BT0102¼	BT014	BT014T
BT01610	Bit key, front door	610	26	BT0102¼	BT018	BT014
BT0945	Sliding door, single	945	83	None	BT030	BT030
BT0945D	Sliding door, double	945D	83	None	BT030	BT030

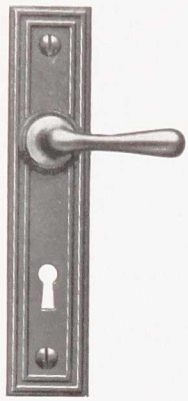
Packed each set in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

BRISTOL DESIGN SYMBOL BT

WROUGHT BRONZE, BRASS OR STEEL

No. BT4390
No. BT04390

No. BT3290



No. 2304 x BT11
No. 02304 x BT011

No. BT3690
No. BT03690

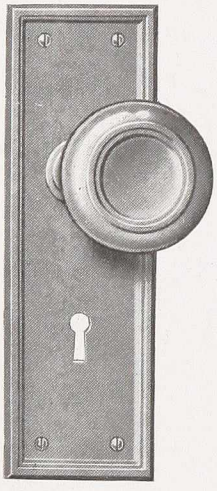
No. BT3890
No. BT03890

Number		Size, Inches	Description
Bronze	Steel		
BT10	BT010	3½x1½	Escutcheons
BT11	BT011	5½x1¼	Escutcheons
BT14	BT014	7 x2¼	Escutcheons
BT16	BT016	8 x2⅝	Escutcheons
BT18	BT018	10½x3	Escutcheons
BT30	BT030	8 x2⅝	Escutcheon for sliding door locks
*BT102¼	*BT0102¼	2¼	Door knobs (one piece)
BT1991	.....	2 x2	Cylinder plate—Refer to Page No. 136.
BT2090	BT02090	2 x2	Knob rose
BT2490B	BT02490B	2⅛x1¼	Turn knob on plate, 3/16 inch spindle on diamond
BT2490½B	BT02490½B	2⅛x1¼	Turn knob on plate, 7/32 inch flat spindle
BT2590	BT02590	2⅛x1¼	Key escutcheon
BT3290	.....	3½x1½	Push button
BT3690	BT03690	10½x3	Push plates
BT3890	.....	10½x3	Door pull x No. 3901 Grip—Refer to Page No. 180.
.....	BT03890	10½x3	Door pull x No. 03901 Grip—Refer to Page No. 180.
BT4390	BT04390	1½x3½	Flush sash lift

For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
*Bronze knobs have Model "C" spindle mountings.
*Steel knobs have standard spindle mountings.

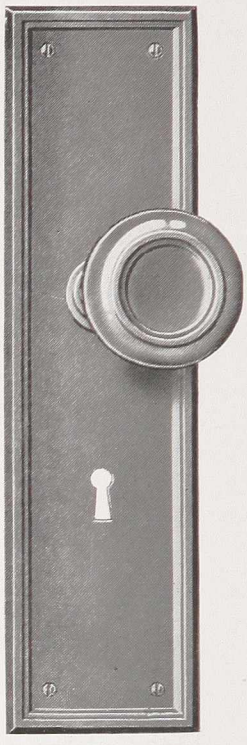
CAMBRIDGE DESIGN SYMBOL CB

WROUGHT BRONZE, BRASS OR STEEL



No. CB102¼ x CB14
No. CB0102¼ x CB014

No. CB102¼ x CB18



No. CB102¼ x CB18
No. CB0102¼ x CB018

WROUGHT BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	LOCK		Knobs	ESCUTCHEONS	
		Number	Page		Outside	Inside
CB1100	Latch	100	2	CB102¼	CB10	CB10
CBL240	French Door	240	12	2-2304 Levers	CB11	CB11
CB1260	Inside Door	260	15	CB102¼	CB14	CB14
CB1300	Inside Door	300	16	CB102¼	CB14	CB14
CB1300¾	Inside Door	300¾	16	CB102¼	CB14	CB14
CB1460	Bathroom Door	460	21	CB102¼	CB14	AW14T
CB1482	Communicating Door	482	22	CB102¼	CB14T	CB14T
CB1600	Bit Key Front Door	600	26	CB102¼	CB18	CB14
†CB1670	Cylinder Front Door	670	32	CB102¼	CB18	CB14T
†CB1670V	Cylinder Vestibule Door	670V	33	CB102¼	CB18	CB14

Specify thickness of door.
Packed each set in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT STEEL LOCKSETS—With Standard Spindle Mountings

CB01110	Latch	110	2	CB0102¼	CB010	CB010
CB02110	Latch	110	2	CB0202¼	CB010	CB010
CBOL230	French Door	230	11	2-02304 Levers	CB011	CB011
CB01250	Inside Door	250	15	CB0102¼	CB014	CB014
CB02250	Inside Door	250	15	CB0202¼	CB014	CB014
CB01470	Bathroom Door	470	21	CB0102¼	CB014	CB014T
CB02470	Bathroom Door	470	21	CB0202¼	CB014	CB014T
CB01610	Bit Key Front Door	610	26	CB0102¼	CB018	CB014
CB02610	Bit Key Front Door	610	26	CB0202¼	CB018	CB014

Packed each set in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAMBRIDGE DESIGN SYMBOL CB

WROUGHT BRONZE, BRASS OR STEEL

No. 2304 x CB11
No. 02304 x CB011

No. CB3690
No. CB03690

No. CB3890
No. CB03890

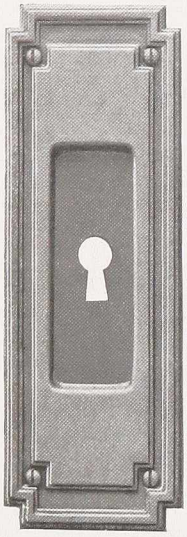
Number		Size, Inches	Description
Bronze	Steel		
CB11	CB011	5¼x1¼	Escutcheons
CB14	CB014	7 x2¼	Escutcheons
CB18	CB018	10 x2¾	Escutcheons
*CB102¼	*CB0102¼	2¼	Door knobs (one piece)
.....	CB0202¼	2¼	Door knobs (two pieces)
CB3690	CB03690	10 x2¾	Push plates
CB3890	.....	10 x2¾	Door pull x No. 3901 Grip—Refer to Page No. 180.
.....	CB03890	10 x2¾	Door pull x No. 03901 Grip—Refer to Page No. 180.

For escutcheons with turn knobs suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
*Bronze knobs have Model "C" spindle mountings.
*Steel knobs have standard spindle mountings.

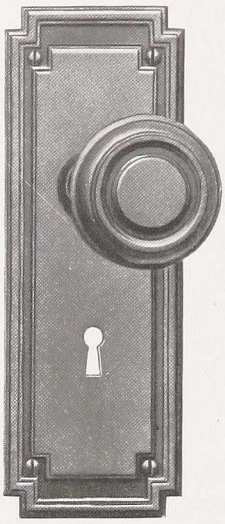
CONWAY DESIGN

SYMBOL CW

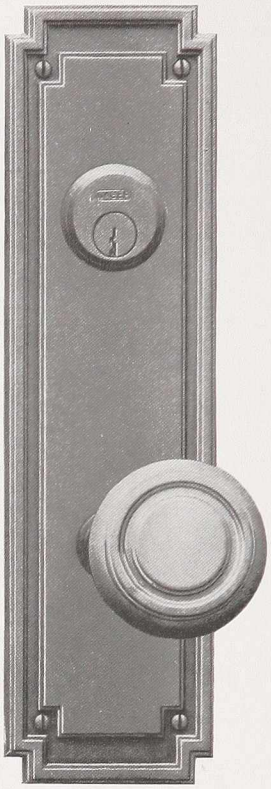
WROUGHT BRONZE, BRASS OR STEEL



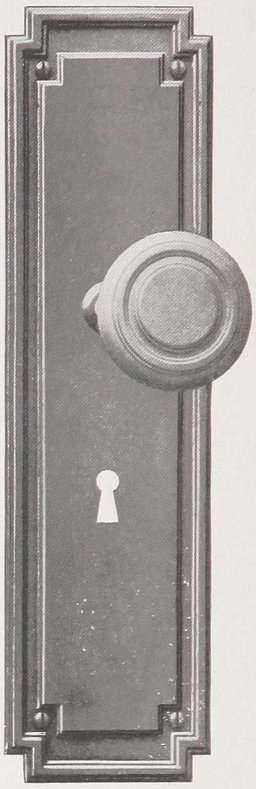
No. CW30
No. CW030



No. CW102¼ x CW14
No. CW0102¼ x CW014



No. CW102¼ x CW18



No. CW102¼ x CW18
No. CW0102¼ x CW018

WROUGHT BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
CW1100	Latch	100	2	CW102¼	CW10	CW10
CWL240	French door	240	12	2—2304 Levers	CW11	CW11
CW1260	Inside door	260	15	CW102¼	CW14	CW14
CW1300	Inside door	300	16	CW102¼	CW14	CW14
CW1300¾	Inside door	300¾	16	CW102¼	CW14	CW14
CW1460	Bathroom door	460	21	CW102¼	CW14	CW14T
CW1482	Communicating door	482	22	CW102¼	CW14T	CW14T
CW1600	Bit key, front door	600	26	CW102¼	CW18	CW14
†CW1670	Cylinder, front door	670	32	CW102¼	CW18	CW14T
†CW1670V	Cylinder, vestibule door	670V	33	CW102¼	CW18	CW14
CW944	Sliding door, single	944	83	None	CW30	CW30
CW944D	Sliding door, double	944D	83	None	CW30	CW30

Packed each set in a box, complete with screws. †Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT STEEL LOCKSETS—With Model "C" Spindle Mountings

CW01110	Latch	110	2	CW0102¼	CW010	CW010
CW02110	Latch	110	2	CW0202¼	CW010	CW010
CW0L230	French door	230	11	2—02304 Levers	CW011	CW011
CW01250	Inside door	250	15	CW0102¼	CW014	CW014
CW02250	Inside door	250	15	CW0202¼	CW014	CW014
CW01470	Bathroom door	470	21	CW0102¼	CW014	CW014T
CW02470	Bathroom door	470	21	CW0202¼	CW014	CW014T
CW01610	Bit key, front door	610	26	CW0102¼	CW018	CW014
CW02610	Bit key, front door	610	26	CW0202¼	CW018	CW014
CW0945	Sliding door, single	945	83	None	CW030	CW030
CW0945D	Sliding door, double	945D	83	None	CW030	CW030

Packed each set in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CONWAY DESIGN SYMBOL CW

WROUGHT BRONZE, BRASS OR STEEL

No. CW4390
No. CW04390

No. CW3290

No. CW3690
No. CW03690

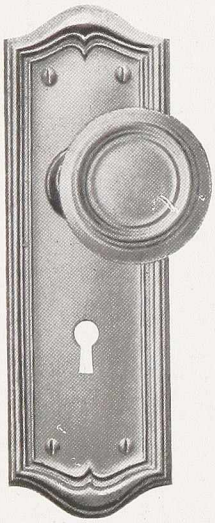
No. CW3890
No. CW03890

Number		Size, Inches	Description
Bronze	Steel		
CW10	CW010	3¾x1½	Escutcheon
CW11	CW011	5 x1⅛	Escutcheon
CW14	CW014	7½x2⅝	Escutcheon
CW18	CW018	11 x3	Escutcheon
CW30	CW030	7½x2⅝	Escutcheon for sliding door locks
*CW102¼	*CW0102¼	2¼	Door knobs (one piece)
.....	*CW0202¼	2¼	Door knobs (two piece)
CW3290	.....	3¾x1½	Push button
CW3690	CW03690	11 x3	Push plates
CW3890	.....	11 x3	Door pull x No. 3901 Grip. Refer to Page No. 180.
.....	CW03890	11 x3	Door pull x No. 03901 Grip. Refer to Page No. 180.
CW4390	CW04390	1½x3¾	Flush sash lift

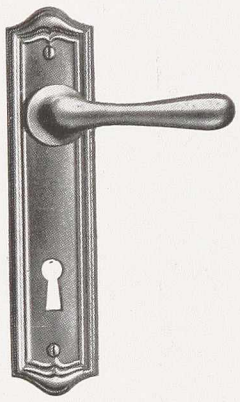
For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
*Bronze knobs have Model "C" spindle mountings.
*Steel knobs have standard spindle mountings.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

ELGIN DESIGN SYMBOL EG

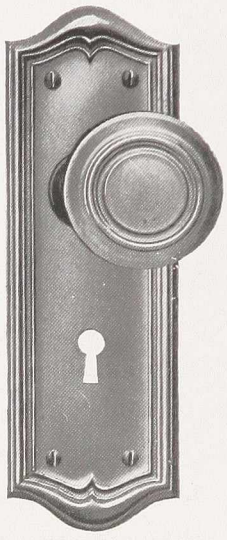
WROUGHT BRONZE, BRASS OR STEEL



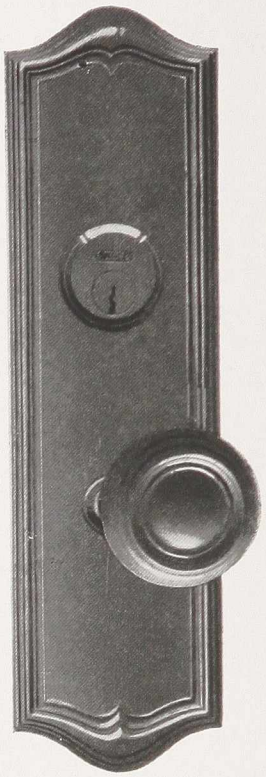
No. EG102¼ x EG14
No. EG0102¼ x EG014



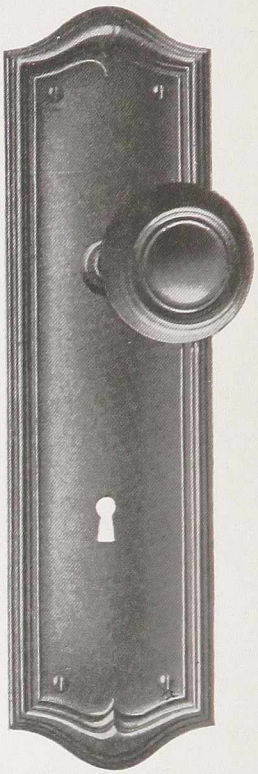
No.2304 x EG11



No. EG0202¼ x EG014



No. EG102¼C x EG18



No. EG102¼ x EG18
No. EG0102¼ x EG018

WROUGHT BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
EG1100	Latch	100	2	EG102¼	EG10	EG10
EGL240	French door	240	12	2-2304 Levers	EG11	EG11
EG1260	Inside door	260	15	EG102¼	EG14	EG14
EG1300	Inside door	300	16	EG102¼	EG14	EG14
EG1300¾	Inside door	300¾	16	EG102¼	EG14	EG14
EG1460	Bathroom door	460	21	EG102¼	EG14	EG14T
EG1482	Communicating door	482	22	EG102¼	EG14T	EG14T
EG1600	Bit key, front door	600	26	EG102¼	EG18	EG14
†EG1670	Cylinder, front door	670	32	EG102¼	EG18	EG14T
†EG1670V	Cylinder, vestibule door	670V	33	EG102¼	EG18	EG14
EG944	Sliding door (single)	944	83	None	EG30	EG30
EG944D	Sliding door (double)	944D	83	None	EG30	EG30

Packed each set in a box, complete with screws. For entrance handle sets, Refer to Page No. 228. †Specify thickness of door. Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT STEEL LOCKSETS—With Standard Spindle Mountings

EG01110	Latch	110	2	EG0102¼	EG010	EG010
EG02110	Latch	110	2	EG0202¼	EG010	EG010
EG0L230	French door	230	11	2-02304 Levers	EG011	EG011
EG01250	Inside door	250	15	EG0102¼	EG014	EG014
EG02250	Inside door	250	15	EG0202¼	EG014	EG014
EG01470	Bathroom door	470	21	EG0102¼	EG014	EG014T
EG02470	Bathroom door	470	21	EG0202¼	EG014	EG014T
EG01610	Bit key, front door	610	26	EG0102¼	EG018	EG014
EG02610	Bit key, front door	610	26	EG0202¼	EG018	EG014
EG0945	Sliding door (single)	945	83	None	EG030	EG030
EG0945D	Sliding door (double)	945D	83	None	EG030	EG030

Packed each set in a box, complete with screws. For entrance handle sets, Refer to Page No. 228. Specify Number and Finish. Refer to Page No. 32A for description of finish.

ELGIN DESIGN SYMBOL EG

WROUGHT BRONZE, BRASS OR STEEL

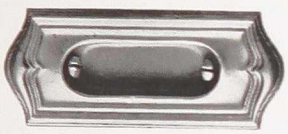
No. EG102¼
No. EG0102¼

No. EG2590
No. EG02590

No. EG30
No. EG030

No. EG3690
No. EG03690

No. EG3890
No. EG03890



No. EG4390
No. EG04390

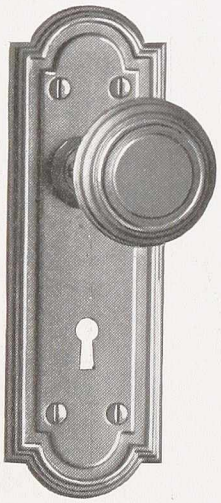
No. EG3290

Number		Size, Inches	Description
Bronze	Steel		
EG10	EG010	4 x1⅝	Escutcheons
EG11	EG011	5½x1¼	Escutcheons
EG14	EG014	7½x2½	Escutcheons
EG18	EG018	11 x3	Escutcheons
EG30	EG030	7½x2½	Escutcheons for sliding door locks
*EG102¼	*EG0102¼	2¼	Door knobs (one piece)
.....	*EG0202¼	2¼	Door knobs (two piece)
EG2490B	EG02490B	2⅜x1¼	Turn knob on plate, 3/16 inch spindles on diamond
EG2490½B	EG02490½B	2⅜x1¼	Turn knob on plate, 7/32 inch flat spindle
EG2590	EG02590	2⅜x1¼	Key escutcheon
EG3290	.....	4 x1⅝	Push button
EG3690	EG03690	11 x3	Push plates
EG3890	.....	11 x3	Door pull x No. 3901 Grip. Refer to Page No. 180.
.....	EG03890	11 x3	Door pull x No. 03901 Grip. Refer to Page No. 180.
EG4390	EG04390	1⅝x4	Flush sash lift

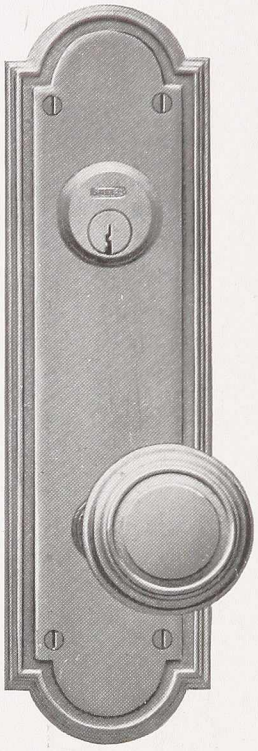
For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
*Bronze knobs have Model "C" mountings.
*Steel knobs have standard mountings.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

FRANKLIN DESIGN SYMBOL FL

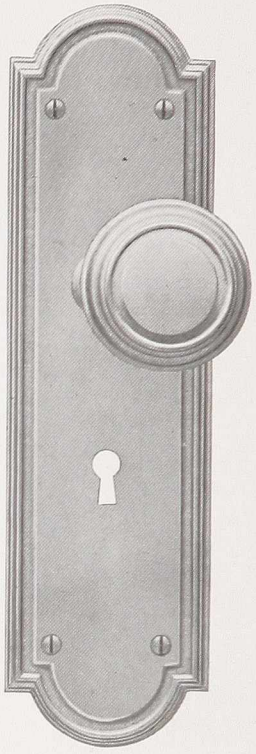
WROUGHT BRONZE, BRASS OR STEEL



No. FL0202¼ x FL014



No. FL102¼C x LF18



No. FL102¼ x FL18
No. FL0102¼ x FL018

WROUGHT BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
FL1100	Latch	100	2	FL102¼	FL10	FL10
FL1260	Inside door	260	15	FL102¼	FL14	FL14
FL1300	Inside door	300	16	FL102¼	FL14	FL14
FL1300¾	Inside door	300¾	16	FL102¼	FL14	FL14
FL1460	Bathroom door	460	21	FL102¼	FL14	FL14T
FL1482	Communicating door	482	22	FL102¼	FL14T	FL14T
FL1600	Bit key, front door	600	26	FL102¼	FL18	FL14
†FL1670	Cylinder, front door	670	32	FL102¼	FL18	FL14T
†FL1670V	Cylinder, vestibule door	670V	33	FL102¼	FL18	FL14
FL944	Sliding door (single)	944	83	None	FL30	FL30
FL944D	Sliding door (double)	944D	83	None	FL30	FL30

For entrance handle sets, refer to Page Nos. 244 and 245. Packed each set in a box, complete with screws.
†Specify thickness of door. Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT STEEL LOCKSETS—With Standard Spindle Mountings

FL01110	Latch	110	2	FL0102¼	FL010	FL010
FL02110	Latch	110	2	FL0202¼	FL010	FL010
FL01250	Inside door	250	15	FL0102¼	FL014	FL014
FL02250	Inside door	250	15	FL0202¼	FL014	FL014
FL01470	Bathroom door	470	21	FL0102¼	FL014	FL014T
FL02470	Bathroom door	470	21	FL0202¼	FL014	FL014T
FL01610	Bit key, front door	610	26	FL0102¼	FL018	FL014
FL02610	Bit key, front door	610	26	FL0202¼	FL018	FL014
FL0945	Sliding door (single)	945	83	None	FL030	FL030
FL0945D	Sliding door (double)	945D	83	None	FL030	FL030

Packed each set in a box, complete with screws. For entrance handle sets, refer to Page Nos. 244 and 245.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

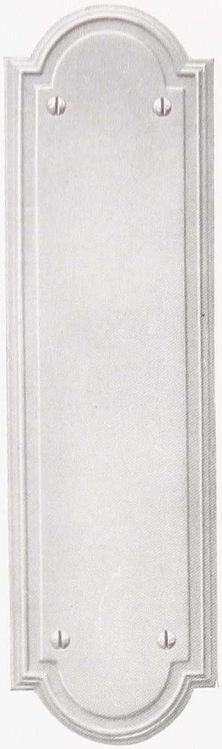
FRANKLIN DESIGN SYMBOL FL

WROUGHT BRONZE, BRASS OR STEEL

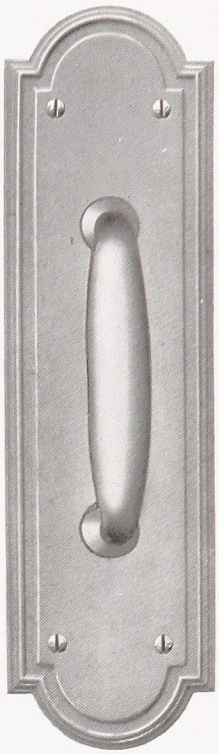
No. FL4390
No. FL04390

No. FL3290

No. FL30
No. FL030



No. FL3690
No. FL03690



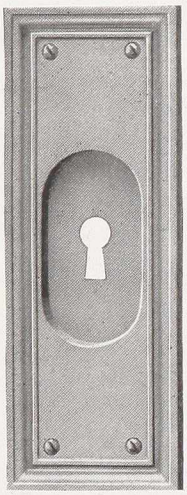
No. FL3890
No. FL03890

Number		Size, Inches	Description
Bronze	Steel		
FL10	**FL010**	4⅛x1½	Escutcheon
FL14	**FL014**	7 x2¼	Escutcheon
FL18	**FL018**	10½x3	Escutcheon
FL30	**FL030**	7⅝x2⅝	Escutcheon for sliding door locks
***FL102¼**	***FL0102¼**	2¼	Door knobs (one piece)
.....	***FL0202¼**	2¼	Door knobs (two piece)
FL3290	.....	4⅛x1½	Push button
FL3690	**FL03690**	10½x3	Push plates
FL3690	**FL03690**	14¾x3¼	Push plates
FL3890	.....	10½x3	Door pull x No. 3901 Grip. Refer to Page No. 180.
FL3890	.....	14¾x3¼	Door pull x No. 3902 Grip. Refer to Page No. 180.
.....	**FL03890**	10½x3	Door pull x No. 03901 Grip. Refer to Page No. 180.
.....	**FL03890**	14¾x3¼	Door pull x No. 03902 Grip. Refer to Page No. 180.
FL4390	**FL04390**	1½x4⅛	Flush sash lift

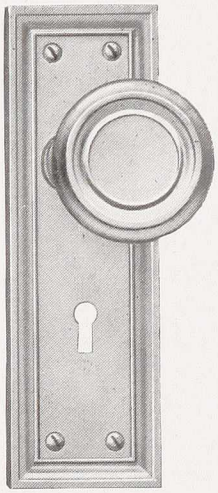
For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
*Bronze knobs have Model "C" spindle mountings.
*Steel knobs have standard spindle mountings.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

FAIRMONT DESIGN SYMBOL FM

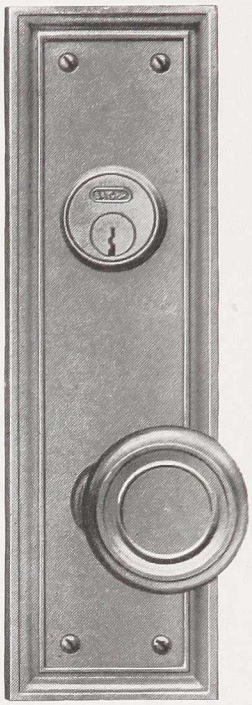
WROUGHT BRONZE, BRASS OR STEEL



No. FM30
No. FM030



No. FM102¼ x FM14
No. FM0102¼ x FM014



No. FM102¼ x FM18

No. FM102¼ x FM18
No. FM0102¼ x FM018

WROUGHT BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
FM1100	Latch	100	2	FM102¼	FM10	FM10
FML240	French door	240	12	2-2304 Levers	FM11	FM11
FM1260	Inside door	260	15	FM102¼	FM14	FM14
FM1300	Inside door	300	16	FM102¼	FM14	FM14
FM1300¾	Inside door	300¾	16	FM102¼	FM14	FM14
FM1460	Bathroom door	460	21	FM102¼	FM14	FM14T
FM1482	Communicating door	482	22	FM102¼	FM14T	FM14T
FM1600	Bit key, front door	600	26	FM102¼	FM18	FM14
†FM1670	Cylinder, front door	670	32	FM102¼	FM18	FM14T
†FM1670V	Cylinder, vestibule door	670V	33	FM102¼	FM18	FM14
FM944	Sliding door, single	944	83	None	FM30	FM30
FM944D	Sliding door, double	944D	83	None	FM30	FM30

Packed each set in a box, complete with screws. †Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT STEEL LOCKSETS—With Standard Spindle Mountings

FM01110	Latch	110	2	FM0102¼	FM010	FM010
FM0L230	French door	230	11	2-02304 Levers	FM011	FM011
FM01250	Inside door	250	15	FM0102¼	FM014	FM014
FM01470	Bathroom door	470	21	FM0102¼	FM014	FM014T
FM01610	Bit key, front door	610	26	FM0102¼	FM018	FM014
FM0945	Sliding door, single	945	83	None	FM030	FM030
FM0945D	Sliding door, double	945D	83	None	FM030	FM030

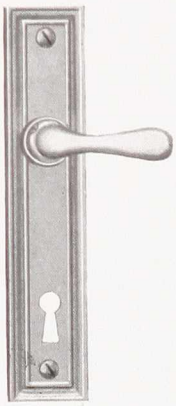
Packed each set in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

FAIRMONT DESIGN SYMBOL FM

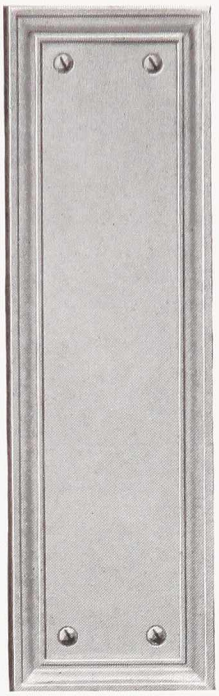
WROUGHT BRONZE, BRASS OR STEEL

No. FM4390
No. FM04390

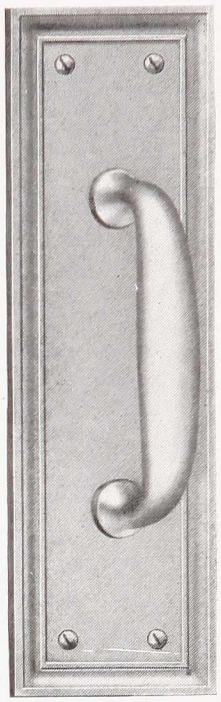
No. FM3290



No. 2304 x FM11
No. 02304 x FM011



No. FM3690
No. FM03690



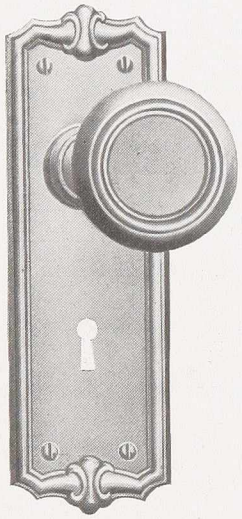
No. FM3890
No. FM03890

Number		Size, Inches	Description
Bronze	Steel		
FM10	FM010	4¾x1¾	Escutcheons
FM11	FM011	5 5/16x1⅜	Escutcheons
FM14	FM014	7 x2¼	Escutcheons
FM18	FM018	10 x3	Escutcheons
FM30	FM030	7 x2½	Escutcheons for sliding door locks
*FM102¼	*FM0102¼	2¼	Door knobs (one piece)
FM3290	.....	3¾x1½	Push button
FM3690	FM03690	10 x3	Push plates
FM3890	.....	10 x3	Door pull x No. 3901 Grip—Refer to Page No. 180.
.....	FM03890	10 x3	Door pull x No. 03901 Grip—Refer to Page No. 180.
FM4390	FM04390	1½x4	Flush sash lift

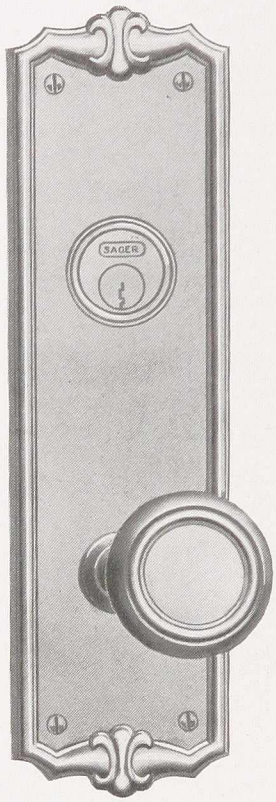
For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
*Bronze knobs have Model "C" spindle mountings.
*Steel knobs have Standard spindle mountings.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

HARTFORD DESIGN SYMBOL HF

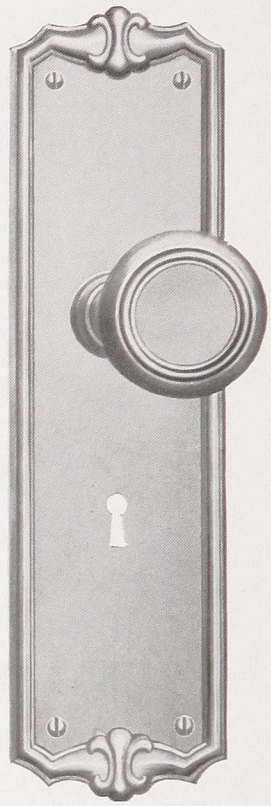
WROUGHT BRONZE, BRASS OR STEEL



No. HF102¼ x HF14
No. HF0102¼ x HF014



No. HF102¼ x HF18



No. HF102¼ x HF18
No. HF0102¼ x HF018

WROUGHT BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
HF1100	Latch	100	2	HF102¼	HF10	HF10
HFL240	French door	240	12	2-2304 Levers	HF11	HF11
HF1260	Inside door	260	15	HF102¼	HF14	HF14
HF1300	Inside door	300	16	HF102¼	HF14	HF14
HF1300¾	Inside door	300¾	16	HF102¼	HF14	HF14
HF1460	Bathroom door	460	21	HF102¼	HF14	HF14T
HF1482	Communicating door	482	22	HF102¼	HF14T	HF14T
HF1600	Bit key, front door	600	26	HF102¼	HF18	HF14
†HF1670	Cylinder, front door	670	32	HF102¼	HF18	HF14T
†HF1670V	Cylinder, vestibule door	670V	33	HF102¼	HF18	HF14

Packed each set in a box, complete with screws. †Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

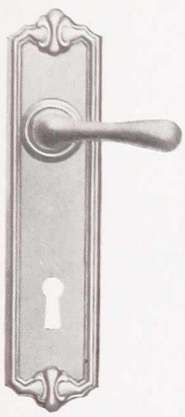
WROUGHT STEEL LOCKSETS—With Standard Spindle Mountings

HF01110	Latch	110	2	HF0102¼	HF010	HF010
HF0L230	French door	230	11	2-02304 Levers	HF011	HF011
HF01250	Inside door	250	15	HF0102¼	HF014	HF014
HF01470	Bathroom door	470	21	HF0102¼	HF014	HF014T
HF01610	Bit key, front door	610	26	HF0102¼	HF018	HF014

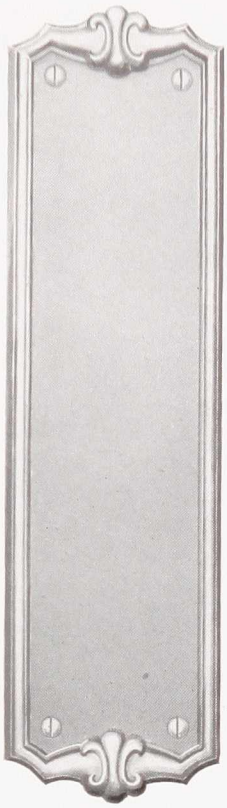
Packed each set in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

HARTFORD DESIGN SYMBOL HF

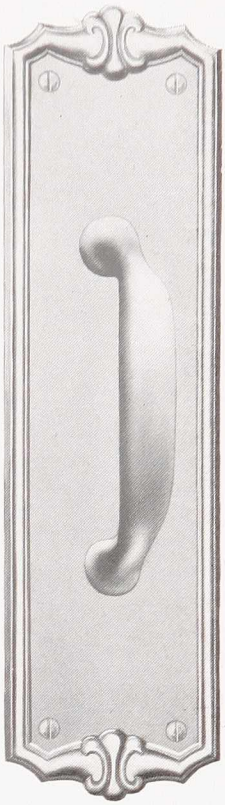
WROUGHT BRONZE, BRASS OR STEEL



No. 2304 x HF11
No. 02304 x HF011



No. HF3690
No. HF03690



No. HF3890
No. HF03890

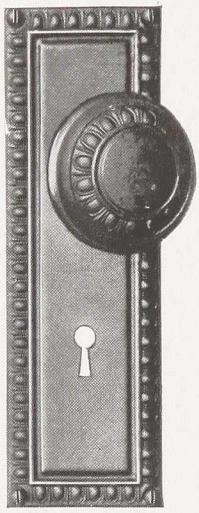
Number		Size, Inches	Description
Bronze	Steel		
HF11	HF011	5½x1¼	Escutcheons
HF14	HF014	7 x2¼	Escutcheons
HF18	HF018	11 x3	Escutcheons
*HF102¼	*HF0102¼	2¼	Door knobs (one piece)
HF3690	HF03690	11 x3	Push plates
HF3890	.....	11 x3	Door pull x No. 3901 Grip—Refer to Page No. 180.
.....	HF03890	11 x3	Door pull x No. 03901 Grip—Refer to Page No. 180.

For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
*Bronze knobs have Model "C" spindle mountings.
*Steel knobs have standard spindle mountings.

MACON DESIGN SYMBOL MC

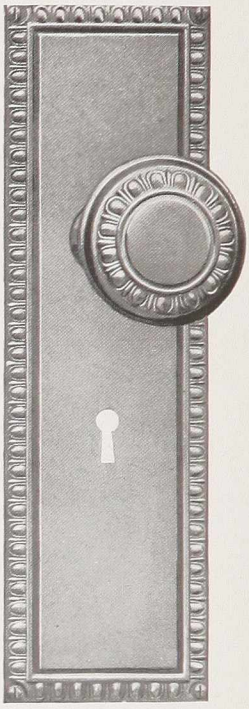
WROUGHT BRONZE, BRASS OR STEEL

No. MC30
No. MC030



No. MC202¼ x MC14
No. MC0202¼ x MC014

No. MC202¼ x MC18



No. MC202¼ x MC18
No. MC0202¼ x MC018

WROUGHT BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
MC2100	Latch	100	2	MC202¼	MC10	MC10
MC2260	Inside door	260	15	MC202¼	MC14	MC14
MC2300	Inside door	300	16	MC202¼	MC14	MC14
MC2300¾	Inside door	300¾	16	MC202¼	MC14	MC14
MC2460	Bathroom door	460	21	MC202¼	MC14	MC14T
MC2482	Communicating door	482	22	MC202¼	MC14T	MC14T
MC2600	Bit key, front door	600	26	MC202¼	MC18	MC14
†MC2670	Cylinder, front door	670	32	MC202¼	MC18	MC14T
†MC2670V	Cylinder, vestibule door	670V	33	MC202¼	MC18	MC14
MC944	Sliding door, Single	944	83	None	MC30	MC30
MC944D	Sliding door, Double	944D	83	None	MC30	MC30

†Specify thickness of door.
Packed each set in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT STEEL LOCKSETS—With Standard Spindle Mountings

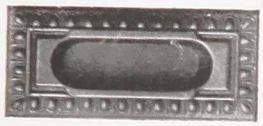
MC02110	Latch	110	2	MC0202¼	MC010	MC010
MC02250	Inside door	250	15	MC0202¼	MC014	MC014
MC02470	Bathroom door	470	21	MC0202¼	MC014	MC014T
MC02610	Bit key, front door	610	26	MC0202¼	MC018	MC014
MC0945	Sliding door, Single	945	83	None	MC030	MC030
MC0945D	Sliding door, Double	945D	83	None	MC030	MC030

Packed each set in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MACON DESIGN SYMBOL MC

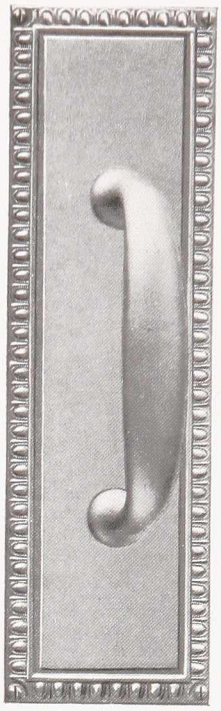
CAST BRONZE, BRASS OR STEEL

No. MC3290



No. MC4390
No. MC04390

No. MC3690
No. MC03690



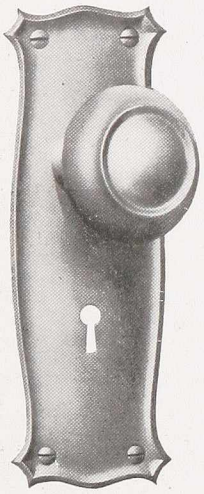
No. MC3890
No. MC03890

Number		Size, Inches	Description
Bronze	Steel		
MC10	MC010	4 x1½	Escutcheons
MC14	MC014	7 x2¼	Escutcheons
MC18	MC018	10 x3	Escutcheons
MC30	MC030	6 x2½	Escutcheons for sliding door locks
MC202¼	MC0202¼	2¼	Door knobs (two piece) Standard Spindle Mountings Only
MC3290	.....	3½x1½	Push button
MC3690	MC03690	10 x3	Push plates
MC3890	.....	10 x3	Door pull x No. 3901 Grip—Refer to Page No. 180.
.....	MC03890	10 x3	Door pull x No. 03901 Grip—Refer to Page No. 180.
MC4390	MC04390	1½x4	Flush sash lift

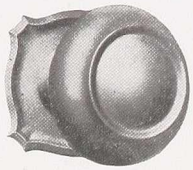
For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MAYFAIR DESIGN SYMBOL MF

WROUGHT BRONZE, BRASS OR STEEL



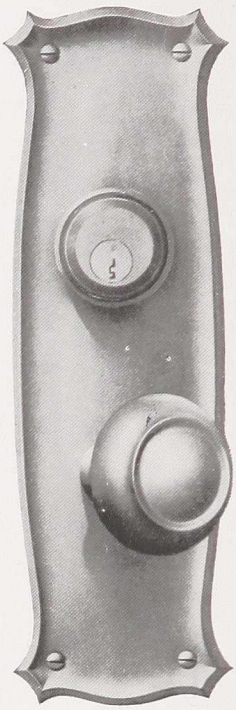
No. MF102¼ x MF14
No. MF0102¼ x MF014



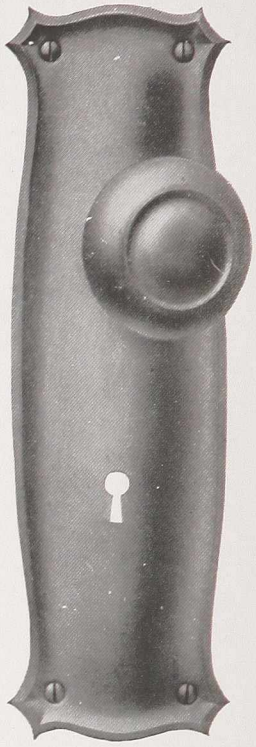
No. MF102¼ x MF2090
No. MF0102¼ x MF02090

No. MF2590
No. MF02590

No. MF0202¼ x MF014



No. MF102¼ x MF18



No. MF102¼ x MF18
No. MF0102¼ x MF018

WROUGHT BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
MF1100	Latch	100	2	MF102¼	MF10	MF10
MFL240	French door	240	12	2-2304 Levers	MF11	MF11
MF1260	Inside door	260	15	MF102¼	MF14	MF14
MF1300	Inside door	300	16	MF102¼	MF14	MF14
MF1300¾	Inside door	300¾	16	MF102¼	MF14	MF14
MF1460	Bathroom door	460	21	MF102¼	MF14	MF14T
MF1482	Communicating door	482	22	MF102¼	MF14T	MF14T
MF1600	Bit key, front door	600	26	MF102¼	MF18	MF14
†MF1670	Cylinder, front door	670	32	MF102¼	MF18	MF14T
†MF1670V	Cylinder, vestibule door	670V	33	MF102¼	MF18	MF14
MF944	Sliding door, Single	944	83	None	MF30	MF30
MF944D	Sliding door, Double	944D	83	None	MF30	MF30

For entrance door handle sets, refer to Page No. 234.
Packed each set in a box, complete with screws. †Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT STEEL LOCKSETS—With Standard Spindle Mountings

MF01110	Latch	110	2	MF0102¼	MF010	MF010
MF02110	Latch	110	2	MF0202¼	MF010	MF010
MF0L230	French door	230	11	2-02304 Levers	MF011	MF011
MF01250	Inside door	250	15	MF0102¼	MF014	MF014
MF02250	Inside door	250	15	MF0202¼	MF014	MF014
MF01470	Bathroom door	470	21	MF0102¼	MF014	MF014T
MF02470	Bathroom door	470	21	MF0202¼	MF014	MF014T
MF01610	Bit key, front door	610	26	MF0102¼	MF018	MF014
MF02610	Bit key, front door	610	26	MF0202¼	MF018	MF014
MF0945	Sliding door, Single	945	83	None	MF030	MF030
MF0945D	Sliding door, Double	945D	83	None	MF030	MF030

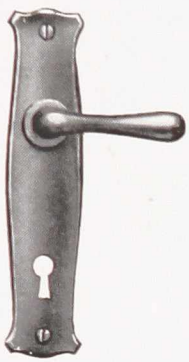
Packed each set in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MAYFAIR DESIGN SYMBOL MF

WROUGHT BRONZE, BRASS OR STEEL

No. MF3290

No. MF4390
No. MF04390



No. 2304 x MF11
No. 02304 x MF011

No. MF30
No. MF030

No. MF3690
No. MF03690

No. MF3890
No. MF03890

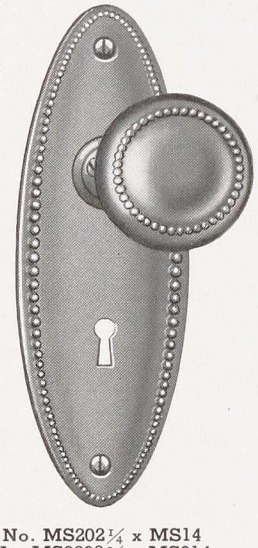
Number		Size, Inches	Description
Bronze	Steel		
MF10	MF010	4 x1 5/8	Escutcheons
MF11	MF011	5 x1 1/8	Escutcheons
MF14	MF014	7 x2 3/8	Escutcheons
MF18	MF018	10 x3 1/8	Escutcheons
MF30	MF030	6 1/2 x2 1/2	Escutcheons for sliding door locks
*MF102 1/4	*MF0102 1/4	2 1/4	Door knobs (one piece)
.....	*MF0202 1/4	2 1/4	Door knobs (two piece)
MF2090	MF02090	2 1/4 x2 1/4	Knob rose
MF2490B	MF02490B	2 1/8 x1 1/8	Turn knob on plate, 3/16 inch spindle on plate
MF2490 1/2B	MF02490 1/2B	2 1/8 x1 1/8	Turn knob on plate, 7/32 inch flat spindle
MF2590	MF02590	2 1/8 x1 1/8	Key escutcheon
MF3290	.....	4 x1 5/8	Push button
MF3690	MF03690	10 x3 1/8	Push plates
MF3690	MF03690	14 1/2 x3 3/8	Push plates
MF3890	.....	10 x3 1/8	Door pull x No. 3901 Grip—Refer to Page No. 180.
MF3890	.....	14 1/2 x3 3/8	Door pull x No. 3902 Grip—Refer to Page No. 180.
.....	MF03890	10 x3 1/8	Door pull x No. 03901 Grip—Refer to Page No. 180.
.....	MF03890	14 1/2 x3 3/8	Door pull x No. 03902 Grip—Refer to Page No. 180.
MF4390	MF04390	1 1/2 x3 1/2	Flush sash lift

For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
*Bronze knobs have Model "C" spindle mountings.
*Steel knobs have standard spindle mountings.

MADISON DESIGN SYMBOL MS

WROUGHT BRONZE, BRASS OR STEEL

No. MS30
No. MS030



No. MS202¼ x MS14
No. MS0202¼ x MS014

No. SM202¼ x MS18

No. MS202¼ x MS18
No. MS0202¼ x MS018

WROUGHT BRONZE OR BRASS LOCKSETS—With Standard Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
MS2100	Latch	100	2	MS202¼	MS10	MS10
MS2260	Inside door	260	15	MS202¼	MS14	MS14
MS2300	Inside door	300	16	MS202¼	MS14	MS14
MS2300¾	Inside door	300¾	16	MS202¼	MS14	MS14
MS2460	Bathroom door	460	21	MS202¼	MS14	MS14T
MS2482	Communicating door	482	22	MS202¼	MS14T	MS14T
MS2600	Bit key, front door	600	26	MS202¼	MS18	MS14
†MS2670	Cylinder, front door	670	32	MS202¼	MS18	MS14T
†MS2670V	Cylinder, vestibule door	670V	33	MS202¼	MS18	MS14
MS944	Sliding door, single	944	83	None	MS30	MS30
MS944D	Sliding door, double	944D	83	None	MS30	MS30

Packed each set in a box, complete with screws.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT STEEL LOCKSETS—With Standard Spindle Mountings

MS02110	Latch	110	2	MS0202¼	MS010	MS010
MS02250	Inside door	250	15	MS0202¼	MS014	MS014
MS02470	Bathroom door	470	21	MS0202¼	MS014	MS014T
MS02610	Bit key, front door	610	26	MS0202¼	MS018	MS014
MS0945	Sliding door, single	945	83	None	MS030	MS030
MS0945D	Sliding door, double	945D	83	None	MS030	MS030

Packed each set in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MADISON DESIGN SYMBOL MS

WROUGHT BRONZE, BRASS OR STEEL

No. MS3290

No. MS4390
No. MS04390

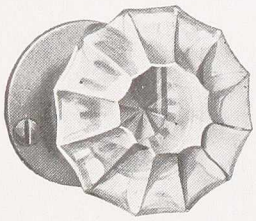
No. MS3690
No. MS03690

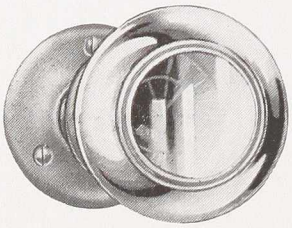
No. MS3890
No. MS03890

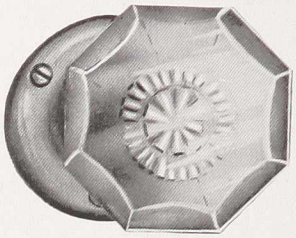
Number		Size, Inches	Description
Bronze	Steel		
MS10	MS010	3¾x1⅝	Escutcheons
MS14	MS014	7¼x2⅜	Escutcheons
MS18	MS018	10⅝x3¼	Escutcheons
MS30	MS030	7¼x2⅜	Escutcheons for sliding door locks
MS202¼	MS0202¼	2¼	Door knobs—(two piece) standard spindle mountings, only
MS3290	.....	3¾x1⅝	Push button
MS3690	MS03690	10⅝x3¼	Push plates
MS3890	.....	10⅝x3¼	Door pull x No. 3901 Grip. Refer to Page No. 180.
.....	MS03890	10⅝x3¼	Door pull x No. 03901 Grip. Refer to Page No. 180.
MS4390	MS04390	1⅝x3¾	Flush sash lifts

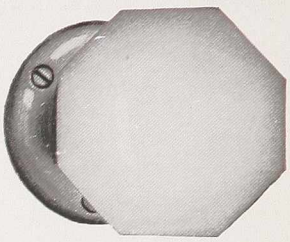
For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

GLASS KNOB LOCK SETS









Set No. AFJF Series
Type No. AHJF Series

Set No. AFPF Series
Type No. AHPF Series

Set No. AFD Series
Type No. AFDF Series
Type No. AHD Series

Set No. AFS Series
Type No. AHS Series

WROUGHT STEEL GLASS KNOB LOCKSETS—With Model "C" Spindle Mountings

Set Number	Lock		Knobs			Roses		Key Escutcheons		Material
	Number	Page	Number	Page	Glass	Number	Page	Number	Page	
AFJF03250	250	15	JF2202	123	Clear	02001B	129	02501	131	Wrought Steel
AFPF03250	250	15	PF2202	123	Clear	02001B	129	02501	131	Wrought Steel
AFDF03250	250	15	DF2202	123	Clear	02001B	129	02501	131	Wrought Steel

Other locks, knobs, roses or key escutcheons can be substituted at difference in price.
Packed each set in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT BRONZE OR BRASS GLASS KNOB LOCKSETS—With Model "C" Spindle Mounting

Set Number	Lock		Knobs			Roses		Key Escutcheons		Material
	Number	Page	Number	Page	Glass	Number	Page	Number	Page	
AFJF3260	260	15	JF2202	123	Clear	2001B	129	2501	131	Wrought Bronze
AFPF3260	260	15	PF2202	123	Clear	2001B	129	2501	131	Wrought Bronze
AFD3260	260	15	D2202	123	Clear	2001B	129	2501	131	Wrought Bronze
AFDF3260	260	15	DF2202	123	Clear	2001B	129	2501	131	Wrought Bronze
AFS3260	260	15	S2202	123	Opal	2001B	129	2501	131	Wrought Bronze

Other locks, knobs, roses or key escutcheons can be substituted at difference in price.
Packed each set in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

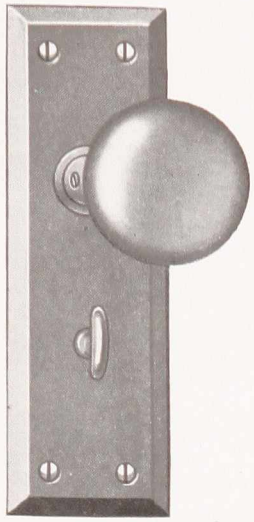
CAST BRONZE OR BRASS GLASS KNOB LOCKSETS—With Model "C" Spindle Mounting

Set Number	Lock		Knobs			Roses		Key Escutcheons		Material
	Number	Page	Number	Page	Glass	Number	Page	Number	Page	
AHJF3260	260	15	JF2222	123	Clear	2012	129	2506	131	Cast Bronze
AHPF3260	260	15	PF2222	123	Clear	2012	129	2506	131	Cast Bronze
AHD3260	260	15	D2222	123	Clear	2012	129	2506	131	Cast Bronze
AHS3260	260	15	S2222	123	Opal	2012	129	2506	131	Cast Bronze

Other locks, knobs, roses or key escutcheons can be substituted at difference in price.
Packed each set in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

BATH ROOM LOCK SETS

HALF TRIM



Set No. AW1460½
Type No. AW01470½
Type No. AW02470½

WROUGHT STEEL LOCKSETS—(Half Trim) Standard Spindle Mountings

Set Number	Lock		Knobs		Escutcheons		Material
	Number	Page	Number	Page	Number	Page	
AW01470½	470	21	AW0102¼	281	AW014T	281	Wrought Steel
***AW02470½**	470	21	AW0202¼	281	AW014T	281	Wrought Steel

Packed each set in a box, complete with screws.
*Packed with two piece knob.
Other knobs, roses or turn knobs substituted at difference in price.
Specify Number and Finish. Refer to Page No. 32A for description of finish. For other bathroom locksets see design section.

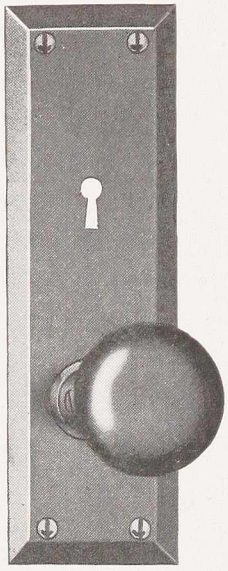
WROUGHT BRONZE OR BRASS LOCKSETS (Half Trim) Model "C" Spindle Mounting

Set Number	Lock		Knobs		Escutcheons		Material
	Number	Page	Number	Page	Number	Page	
AW1460½	460	21	AW102¼	281	AW14T	281	Wrought Bronze

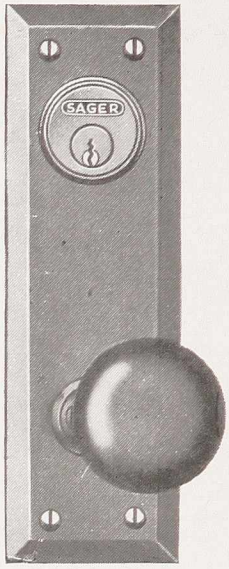
Packed each set in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

SCHOOLHOUSE LOCK SETS

FOR CLASS ROOM DOORS
CANNOT BE LOCKED FROM INSIDE



No. CE102¼ x CE16
Type No. AW102¼ x AW16



No. CE102¼ x CE16
Type No. AW102¼ x AW16

WROUGHT BRONZE OR BRASS CYLINDER LOCKSETS—With Model "C" Spindle Mountings

Set Number	Lock		Knobs		Escutcheons		Material
	Number	Page	Number	Size, Inches	Number	Size, Inches	
AW1794	794	70	AW102¼	2¼	AW16	8x2½	Wrought Bronze
AW8794	794	70	*AW802¼	2¼	AW16	8x2½	Wrought Bronze
AW1800	800	69	AW102¼	2¼	AW16	8x2½	Wrought Bronze
AW8800	800	69	*AW802¼	2¼	AW16	8x2½	Wrought Bronze

Packed each set in a box, complete with screws.
*Knobs No. 802¼ have wrought tops and cast shanks.
Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS CYLINDER LOCKSETS—With Model "C" Spindle Mountings

Set Number	Lock		Knobs		Escutcheons		Material
	Number	Page	Number	Size, Inches	Number	Size, Inches	
CE1794	794	70	CE102¼	2¼	CE16	8x2½	Cast Bronze
CE8794	794	70	*CE802¼	2¼	CE16	8x2½	Cast Bronze
CE1800	800	69	CE102¼	2¼	CE16	8x2½	Cast Bronze
CE8800	800	69	*CE802¼	2¼	CE16	8x2½	Cast Bronze

Packed each set in a box, complete with screws.
*Knobs No. CE802¼ have wrought top and cast shanks.
Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

SCHOOLHOUSE LOCK SETS

FOR CLASS ROOM DOORS

CANNOT BE LOCKED FROM INSIDE

WROUGHT BRONZE OR BRASS BIT KEY LOCKSETS—With Model "C" Spindle Mountings

Set Number	Lock		Knobs		Escutcheons		Material
	Number	Page	Number	Size, Inches	Number	Size, Inches	
AW1810 3/4	810 3/4	67	AW102 1/4	2 1/4	AW16	8x2 1/2	Wrought Bronze
AW1811 3/4	811 3/4	67	AW102 1/4	2 1/4	AW16	8x2 1/2	Wrought Bronze
AW1840 3/4	840 3/4	66	AW102 1/4	2 1/4	AW16	8x2 1/2	Wrought Bronze
AW1841 3/4	841 3/4	68	AW102 1/4	2 1/4	AW16	8x2 1/2	Wrought Bronze
AW1842 3/4	842 3/4	68	AW102 1/4	2 1/4	AW16	8x2 1/2	Wrought Bronze

Packed one set in a box, with screws.
Master keyed at additional price. Suffix MK.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS BIT KEY LOCKSETS—With Model "C" Spindle Mountings

Set Number	Lock		Knobs		Escutcheons		Material
	Number	Page	Number	Size, Inches	Number	Size, Inches	
CE1810 3/4	810 3/4	67	CE102 1/4	2 1/4	CE16	8x2 1/2	Cast Bronze
CE1811 3/4	811 3/4	67	CE102 1/4	2 1/4	CE16	8x2 1/2	Cast Bronze
CE1840 3/4	840 3/4	66	CE102 1/4	2 1/4	CE16	8x2 1/2	Cast Bronze
CE1841 3/4	841 3/4	68	CE102 1/4	2 1/4	CE16	8x2 1/2	Cast Bronze
CE1842 3/4	842 3/4	68	CE102 1/4	2 1/4	CE16	8x2 1/2	Cast Bronze

Packed 1 set in a box, with screws.
Master keyed at additional price. Suffix MK.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

WROUGHT BRONZE OR BRASS BIT KEY LOCKSETS—With Model "C" Spindle Mountings

Set Number	Lock		Knobs		Escutcheons		Material
	Number	Page	Number	Size, Inches	Number	Size, Inches	
AW8810 3/4	810 3/4	67	AW802 1/4	2 1/4	AW16	8x2 1/2	Wrought Bronze
AW8811 3/4	811 3/4	67	AW802 1/4	2 1/4	AW16	8x2 1/2	Wrought Bronze
AW8840 3/4	840 3/4	66	AW802 1/4	2 1/4	AW16	8x2 1/2	Wrought Bronze
AW8841 3/4	841 3/4	68	AW802 1/4	2 1/4	AW16	8x2 1/2	Wrought Bronze
AW8842 3/4	842 3/4	68	AW802 1/4	2 1/4	AW16	8x2 1/2	Wrought Bronze

Packed 1 set in a box, with screws.
Knobs No. 802 1/4 have wrought tops and cast shanks.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS BIT KEY LOCKSETS—With Model "C" Spindle Mountings

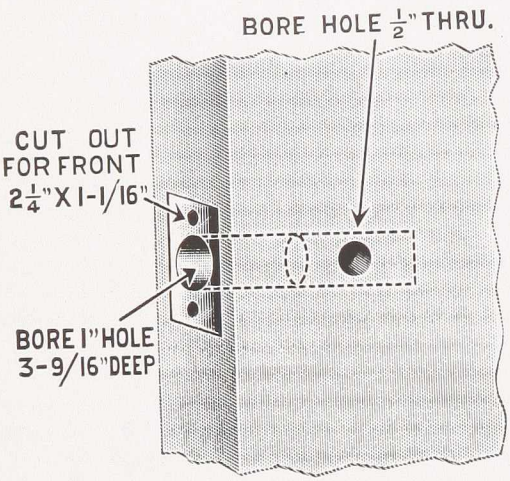
Set Number	Lock		Knobs		Escutcheons		Material
	Number	Page	Number	Size, Inches	Number	Size, Inches	
CE8810 3/4	810 3/4	67	CE802 1/4	2 1/4	CE16	8x2 1/2	Cast Bronze
CE8811 3/4	811 3/4	67	CE802 1/4	2 1/4	CE16	8x2 1/2	Cast Bronze
CE8840 3/4	840 3/4	66	CE802 1/4	2 1/4	CE16	8x2 1/2	Cast Bronze
CE8841 3/4	841 3/4	68	CE802 1/4	2 1/4	CE16	8x2 1/2	Cast Bronze
CE8842 3/4	842 3/4	68	CE802 1/4	2 1/4	CE16	8x2 1/2	Cast Bronze

Packed each set in a box, complete with screws.
Knobs No. CE802 1/4 have wrought top and cast shanks.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

TUBULAR LATCHES AND PUSH BUTTON LOCKS

APPLICATION OF TUBULAR LATCHES AND PUSH BUTTON LOCKS

FOR DOORS 1¼ TO 1¾ INCHES IN THICKNESS



No. 1—Boring of Door Stile to receive Tubular Latch.

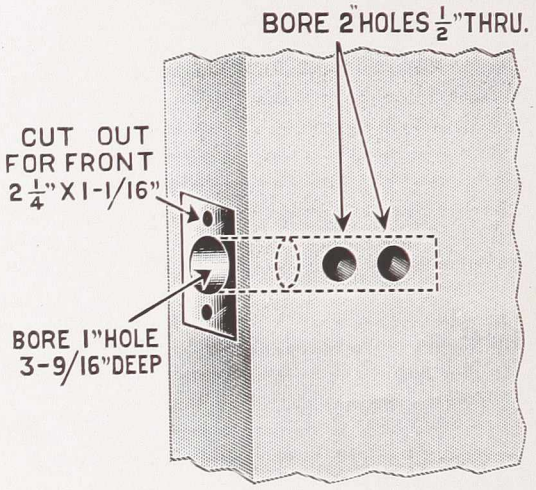
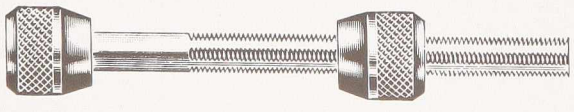
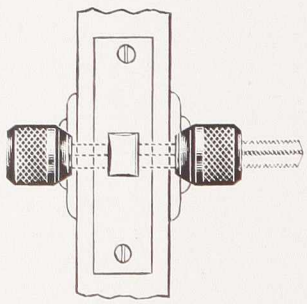


Fig. No. 2—Boring of Door Stile to receive Tubular Push Button Lock.

ALIGNING TOOL No. 1988

For aligning Roses or Escutcheons to prevent binding of knobs.



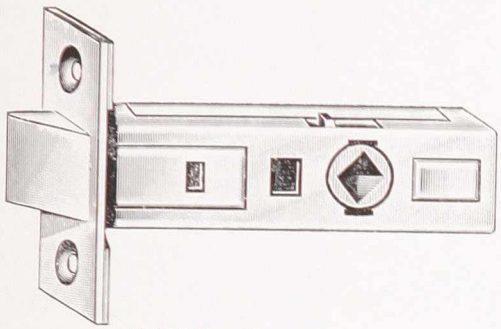


TO USE Mortise door and install lock or latch. Detach the removable nut from the spindle of the aligning tool. Insert spindle through both roses of escutcheons and hub of lock or latch. Replace the removable nut and tighten until both nuts fit snugly in the thimbles. Fasten roses or escutcheons and remove aligner.

TUBULAR LATCHES AND PUSH BUTTON LOCKS

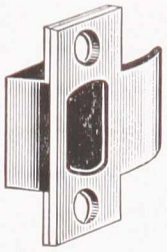
HEAVY STEEL CONSTRUCTION WITH SUBSTANTIAL BEARINGS FOR WORKING PARTS REVERSIBLE FOR RIGHT OR LEFT HAND DOORS

LATCH for Interior Doors 1¼ to 1¾ Inches Thick



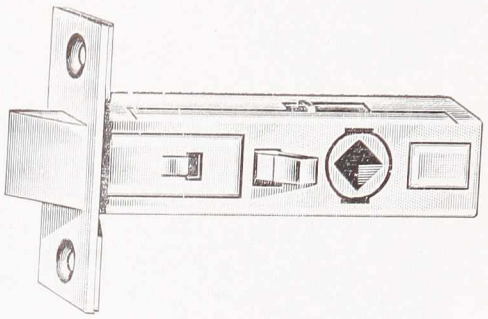
Nos. 22 and 23

Regular Flat Strike

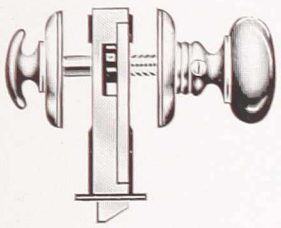


Box Strike

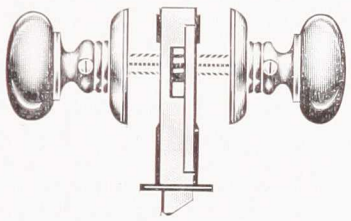
PUSH BUTTON LOCK for Bath and Bedroom Doors 1¼ to 1¾ Inches Thick



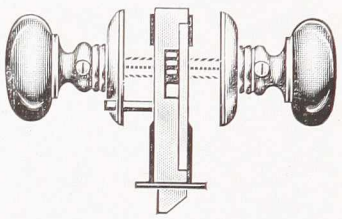
Nos. 24 and 25



Latchset for Closet Doors



Latchset for Interior Doors



Push Button Lockset for Bath and Bedroom Doors.

DESCRIPTION OF LATCH

CASE Wrought Steel, Rust Resisting. ¾ x 3½ inches.

FRONT **No. 22,** Wrought Bronze. **No. 23,** Wrought Steel. 2¼ x 1 1/16 inches.

STRIKE **No. 22,** Flat, Regular, Wrought Bronze. **No. 23,** Flat, Regular, Wrought Steel. 2¼ x 1 inches. Center of opening to end of lip 1¼ inches. BOX strike furnished when specified at an additional price.

BACKSET Front to center of Knob hub 2⅜ inches.

HUB Bronze, Solid for 5/16 inch Spindle.

SPINDLE Steel, Solid, 5/16 inches, threaded for Model "C" Knob mountings.

SPRINGS Double Compression.

LATCH BOLT Bronze, Easy Spring, 11/16 x ½ inches x 7/16 inch throw.

OPERATION Latch Bolt by knob from either side at all times.

DESCRIPTION OF LOCK

CASE Wrought Steel, Rust Resisting. ¾ x 3½ inches.

FRONT **No. 24,** Wrought Bronze. **No. 25,** Wrought Steel. 2¼ x 1 1/16 inches.

STRIKE **No. 24,** Flat, Regular, Wrought Bronze. **No. 25,** Flat, Regular, Wrought Steel. 2¼ x 1 inches. Center of opening to end of lip 1¼ inches. BOX strike furnished when specified at an additional price.

BACKSET Front to center of Knob Hub 2⅜ inches. Front to center of Push Button 1¾ inches.

HUB Bronze, Split for 5/16 inch swivel spindle.

SPINDLE Steel, Swivel, 5/16 inches, threaded for Model "C" knob mounting.

SPRINGS Double Compression.

PUSH BUTTON Bronze, 3/16 inches square, threaded to screw in or out for adjustment for doors 1¼ to 1¾ inches thick.

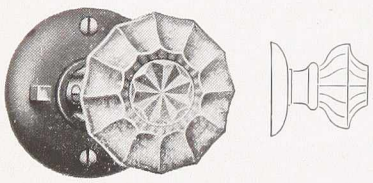
LATCH BOLT Bronze, Easy Spring, 11/16 x ½ inches x 7/16 inch throw.

OPERATION Latch Bolt by knob from outside at all times, except when locked by Push Button on the inside. When locked by Push Button a slight turn of the inside knob releases the locking mechanism. Automatic throwoff prevents locking the door accidently. When specified the outside rose or escutcheon is cut for the emergency key.

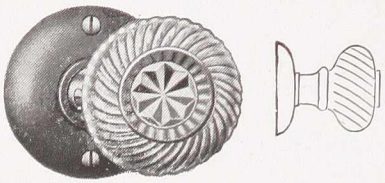
Locks for Reverse Bevel doors can be furnished on special order.

PARKHILL DESIGN, TUBULAR LATCH AND LOCK TRIM SYMBOL PH

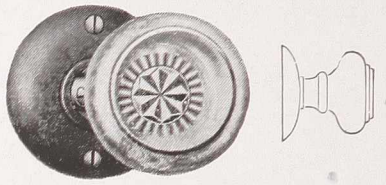
WROUGHT BRONZE, BRASS OR STEEL



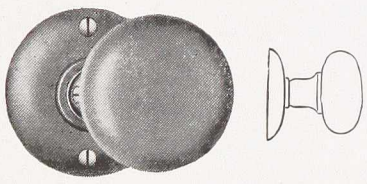
No. JF2202 x PH2091S
No. JF2202 x PH02091S



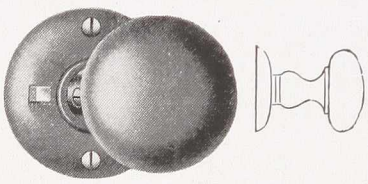
No. EF2202 x PH2091
No. EF2202 x PH02091



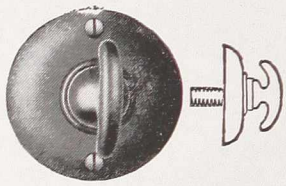
No. PF2202 x PH2091
No. PF2202 x PH02091



No. AF102 x PH2091
No. AF0102 x PH02091



No. YC102 x PH2091S



No. 01938

Number		Size, Inches	Projection Inches	Description
Bronze	Steel			
PH2091	PH02091	2⅛	⅜	Rose, for lock or latch
PH2091S	PH02091S	2⅛	⅜	Inside rose, for lock
PH2091E	PH02091E	2⅛	⅜	Outside rose, with emergency release hole for lock
AF102	AF0102	2	2¼	Round door knob, Model "C" spindle mounting
YC102	.....	2	2⅜	Round door knob, wrought top, cast shank, Model "C" spindle mounting
JF2202	.....	2	2¼	Fluted, clear glass door knob, Model "C" spindle mounting
EF2202	.....	2	2½	Rope, clear glass door knob, Model "C" spindle mounting
PF2202	.....	2	2¼	Plain, round, clear glass door knob, Model "C" spindle mounting
.....	01938	2⅛	1½	Closet spindle

Specify Number and Finish. Refer to Page No. 32A for description of finishes.
Knobs of other designs with Model "C" Spindle Mountings can be substituted at difference in price.

PARKHILL DESIGN TUBULAR LATCHSETS AND LOCKSETS SYMBOL PH

For Doors 1¼ to 1¾ Inches Thick

WROUGHT BRONZE, BRASS OR STEEL

WROUGHT BRONZE OR BRASS LATCHSETS—With Model "C" Spindle Mountings

Set Number	Description	Latch	Knobs	Trim	
				Outside	Inside
PH322	Inside door	22	AF102	PH2091	PH2091
PH322CS	Closet door	22	AF102x01938	PH2091	01938
PHYC322	Inside door	22	YC102	PH2091	PH2091
PHYC322CS	Closet door	22	YC102x01938	PH2091	01938
†PHJF322	Inside door	22	JF2202	PH2091	PH2091
PHJF322CS	Closet door	22	JF2202x01938	PH2091	01938

WROUGHT BRONZE OR BRASS PUSH BUTTON LOCKSETS—With Model "C" Spindle Mountings

Set Number	Description	Lock	Knobs	Trim	
				Outside	Inside
PH324	Inside door	24	AF102	PH2091	PH2091S
*PH324E	Bath or bedroom door	24	AF102	PH2091E	PH2091S
PHYC324	Inside door	24	YC102	PH2091	PH2091S
*PHYC324E	Bath or bedroom door	24	YC102	PH2091E	PH2091S
†PHJF324	Inside door	24	JF2202	PH2091	PH2091S
*†PHJF324E	Bath or bedroom door	24	JF2202	PH2091E	PH2091S

WROUGHT STEEL LATCHSETS—With Model "C" Spindle Mountings

Set Number	Description	Latch	Knobs	Trim	
				Outside	Inside
PH0323	Inside door	23	AF0102	PH02091	PH02091
PH0323CS	Closet door	23	AF0102x01938	PH02091	01938
†PHJF0323	Inside door	23	JF2202	PH02091	PH02091
†PHJF0323CS	Closet door	23	JF2202x01938	PH02091	01938

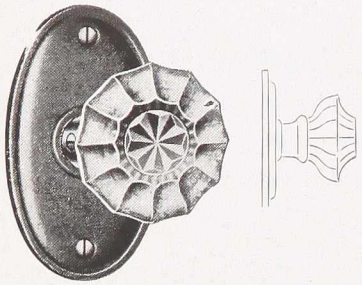
WROUGHT STEEL PUSH BUTTON LOCKSETS—With Model "C" Spindle Mountings

Set Number	Description	Lock	Knobs	Trim	
				Outside	Inside
PH0325	Inside door	25	AF0102	PH02091	PH02091S
*PH0325E	Bath or bedroom door	25	AF0102	PH02091E	PH02091S
†PHJF0325	Inside door	25	JF2202	PH02091	PH02091S
*†PHJF0325E	Bath or bedroom door	25	JF2202	PH02091E	PH02091S

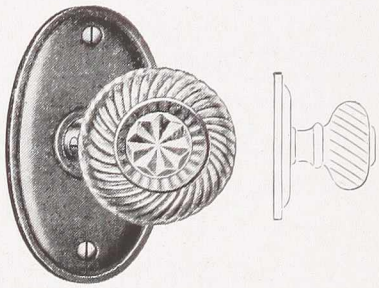
Packed each set in a box, complete with directions, template and screws.
Box strikes will be furnished when specified, at an additional price.
*Packed with an emergency key.
†If EF or PF Glass knobs are wanted Specify by changing knob symbol in set number from JF to PF or EF.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.

BRIGHTWOOD DESIGN, TUBULAR LATCH AND LOCK TRIM SYMBOL BW

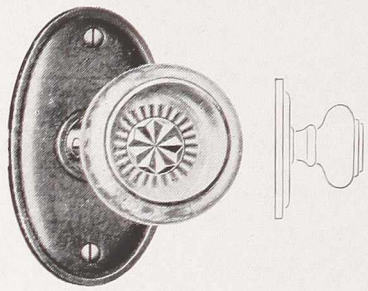
WROUGHT BRONZE, BRASS OR STEEL



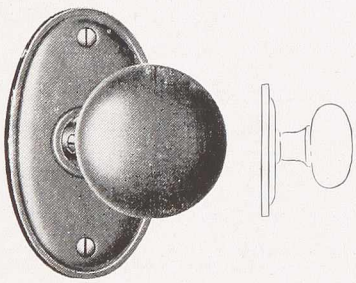
No. JF2202 x BW7
No. JF2202 x BW07



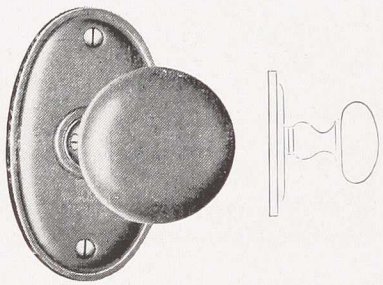
No. EF2202 x BW7
No. EF2202 x BW07



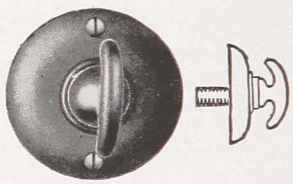
No. PF2202 x BW7
No. PF2202 x BW07



No. AF102 x BW7
No. AF0102 x BW07



No. YC102 x BW7



No. 01938

Number		Size, Inches	Projection Inches	Description
Bronze	Steel			
BW7	BW07	3½x2	⅜	Escutcheon, for lock or latch
BW7S	BW07S	3½x2	⅜	Inside escutcheon, for lock
BW7E	BW07E	3½x2	⅜	Outside escutcheon, with emergency release hole for lock
AF102	AF0102	2	2¼	Round door knob, Model "C" spindle mounting
YC102	.....	2	2⅜	Round door knob, wrought top, cast shank, Model "C" spindle mounting
JF2202	.....	2	2¼	Fluted, clear glass door knob, Model "C" spindle mounting
EF2202	.....	2	2½	Rope, clear glass door knob, Model "C" spindle mounting
PF2202	.....	2	2¼	Plain, round, clear glass door knob, Model "C" spindle mounting
.....	01938	2⅛	1½	Closet spindle

Specify Number and Finish. Refer to Page No. 32A for description of finishes.
Knobs of other designs with Model "C" Spindle Mountings can be substituted at difference in price.

BRIGHTWOOD DESIGN TUBULAR LATCHSETS AND LOCKSETS SYMBOL BW

For Doors 1¼ to 1¾ Inches Thick

WROUGHT BRONZE, BRASS OR STEEL

WROUGHT BRONZE OR BRASS LATCHSETS—With Model "C" Spindle Mountings

Set Number	Description	Latch	Knobs	Trim	
				Outside	Inside
BW322	Inside door	22	AF102	BW7	BW7
BW322CS	Closet door	22	AF102x01938	BW7	01938
BWYC322	Inside door	22	YC102	BW7	BW7
BWYC322CS	Closet door	22	YC102x01938	BW7	01938
†BWJF322	Inside door	22	JF2202	BW7	BW7
†BWJF322CS	Closet door	22	JF2202x01938	BW7	01938

WROUGHT BRONZE OR BRASS PUSH BUTTON LOCKSETS—With Model "C" Spindle Mountings

Set Number	Description	Lock	Knobs	Trim	
				Outside	Inside
BW324	Inside door	24	AF202	BW7	BW7S
*BW324E	Bath or bedroom door	24	AF102	BW7E	BW7S
BWYC324	Inside door	24	YC102	BW7	BW7S
*BWYC324E	Bath or bedroom door	24	YC102	BW7E	BW7S
†BWJF324	Inside door	24	JF2202	BW7	BW7S
*†BWJF324E	Bath or bedroom door	24	JF2202	BW7E	BW7S

WROUGHT STEEL LATCHSETS—With Model "C" Spindle Mountings

Set Number	Description	Latch	Knobs	Trim	
				Outside	Inside
BW0323	Inside door	23	AF0102	BW07	BW07
BW0323CS	Closet door	23	AF0102x01938	BW07	01938
†BWJF0323	Inside door	23	JF2202	BW07	BW07
†BWJF0323CS	Closet door	23	JF2202x01938	BW07	01938

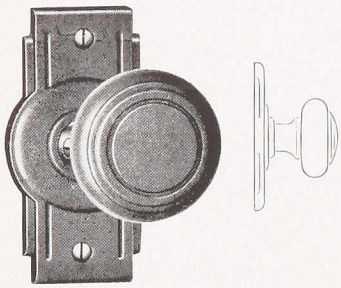
WROUGHT STEEL PUSH BUTTON LOCKSETS—With Model "C" Spindle Mountings

Set Number	Description	Lock	Knobs	Trim	
				Outside	Inside
BW0325	Inside door	25	AF0102	BW07	BW07S
*BW0325E	Bath or bedroom door	25	AF0102	BW07E	BW07S
†BWJF0325	Inside door	25	JF2202	BW07	BW07S
*†BWJF0325E	Bath or bedroom door	25	JF2202	BW07E	BW07S

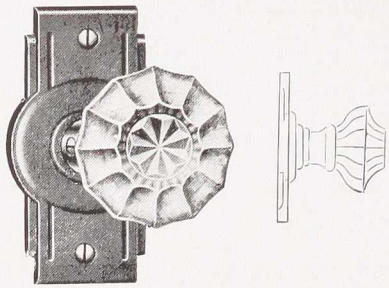
Packed each set in a box, complete with directions, template and screws.
Box strikes will be furnished when specified, at an additional price.
*Packed with an emergency key.
†If EF or PF Glass knobs are wanted, Specify by changing knob symbol in set number from JF to EF or PF.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.

NEWBERNE DESIGN, TUBULAR LATCH AND LOCK TRIM SYMBOL NB

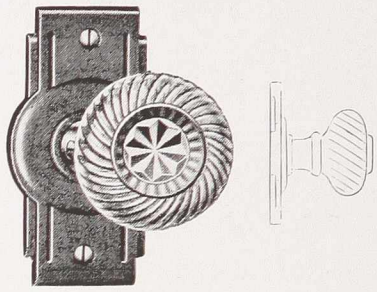
WROUGHT BRONZE, BRASS OR STEEL



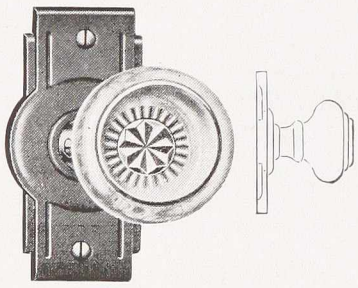
No. NB102 x NB7
No. NB0102 x NB07



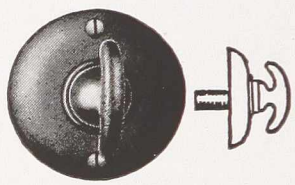
No. JF2202 x NB7
No. JF2202 x NB07



No. EF2202 x NB7
No. EF2202 x NB07



No. PF2202 x NB7
No. PF2202 x NB07



No. 01938

Number		Size, Inches	Projection Inches	Description
Bronze	Steel			
NB7	**NB07**	3½x2	⅜	Escutcheon, for lock or latch
NB7S	**NB07S**	3½x2	⅜	Inside escutcheon, for lock
NB7E	**NB07E**	3½x2	⅜	Outside escutcheon, with emergency release hole for lock
NB102	**NB0102**	2	2⅛	Door knob, Model "C" spindle mounting
JF2202	.....	2	2¼	Fluted, clear glass door knob, Model "C" spindle mounting
EF2202	.....	2	2½	Rope, clear glass door knob, Model "C" spindle mounting
PF2202	.....	2	2¼	Plain, round, clear glass door knob, Model "C" spindle mounting
.....	01938	2⅛	1½	Closet spindle

Specify Number and Finish. Refer to Page No. 32A for description of finishes.
Knobs of other designs with Model "C" Spindle Mountings can be furnished at difference in price.

NEWBERNE DESIGN TUBULAR LATCHSETS AND LOCKSETS SYMBOL NB

For Doors 1¼ to 1¾ Inches Thick

WROUGHT BRONZE, BRASS OR STEEL

WROUGHT BRONZE OR BRASS LATCHSETS—With Model "C" Spindle Mountings

Set Number	Description	Latch	Knobs	Trim	
				Outside	Inside
NB322	Inside door	22	NB102	NB7	NB7
NB322CS	Closet door	22	NB102x01938	NB7	01938
†NBJF322	Inside door	22	JF2202	NB7	NB7
†NBJF322CS	Closet door	22	JF2202x01938	NB7	01938

WROUGHT BRONZE OR BRASS PUSH BUTTON LOCKSETS—With Model "C" Spindle Mountings

Set Number	Description	Lock	Knobs	Trim	
				Outside	Inside
NB324	Inside door	24	NB102	NB7	NB7S
***NB324E**	Bath or bedroom door	24	NB102	NB7E	NB7S
†NBJF324	Inside door	24	JF2202	NB7	NB7S
***†NBJF324E**	Bath or bedroom door	24	JF2202	NB7E	NB7S

WROUGHT STEEL LATCHSETS—With Model "C" Spindle Mountings

Set Number	Description	Latch	Knobs	Trim	
				Outside	Inside
NB0323	Inside door	23	NB0102	NB07	NB07
NB0323CS	Closet door	23	NB0102x01938	NB07	01938
†NBJF0323	Inside door	23	JF2202	NB07	NB07
†NBJF0323CS	Closet door	23	JF2202x01938	NB07	01938

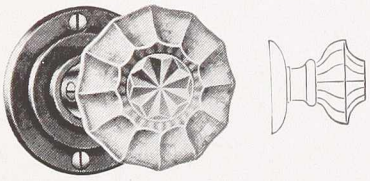
WROUGHT STEEL PUSH BUTTON LOCKSETS—With Model "C" Spindle Mountings

Set Number	Description	Lock	Knobs	Trim	
				Outside	Inside
NB0325	Inside door	25	NB0102	NB07	NB07S
***NB0325E**	Bath or bedroom door	25	NB0102	NB07E	NB07S
†NBJF0325	Inside door	25	JF2202	NB07	NB07S
***†NBJF0325E**	Bath or bedroom door	25	JF2202	NB07E	NB07S

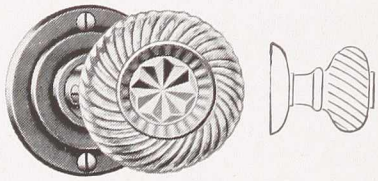
Packed each set in a box, complete with directions, template and screws.
Box strikes will be furnished when specified, at an additional price.
*Packed with an emergency key.
†If EF or PF Glass knobs are wanted, Specify by changing knob symbol in set number from JF to EF or PF.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.

TRYGO DESIGN, TUBULAR LATCH AND LOCK TRIM SYMBOL TG

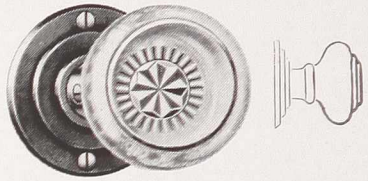
WROUGHT BRONZE, BRASS OR STEEL



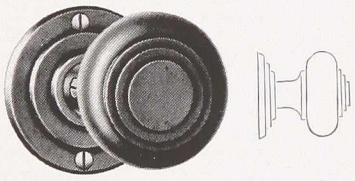
No. JF2202 x TG2091
No. JF2202 x TG02091



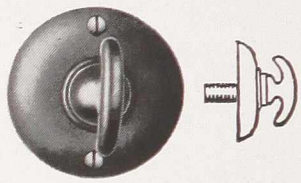
No. EF2202 x TG2091
No. EF2202 x TG02091



No. PF2202 x TG2091
No. PF2202 x TG02091



No. TG102 x TG2091
No. TG0102 x TG02091



No. 01938

Number		Size, Inches	Projection Inches	Description
Bronze	Steel			
TG2091	TG02091	2 3/16	3/8	Rose, for lock or latch
TG2091S	TG02091S	2 3/16	3/8	Inside rose, for lock
TG2091E	TG02091E	2 3/16	3/8	Outside rose, with emergency release hole for lock
TG102	TG0102	2	2 1/4	Round door knob, Model "C" spindle mounting
JF2202	.....	2	2 1/4	Fluted, clear glass door knob, Model "C" spindle mounting
EF2202	.....	2	2 1/2	Rope, clear glass door knob, Model "C" spindle mounting
PF2202	.....	2	2 1/4	Plain, round, clear glass door knob, Model "C" spindle mounting
.....	01938	2 1/8	1 1/2	Closet spindle

Specify Number and Finish. Refer to Page No. 32A for description of finishes.
Knobs of other designs with Model "C" Spindle Mountings can be substituted at difference in price.

TRYGO DESIGN TUBULAR LATCHSETS AND LOCKSETS SYMBOL TG

For Doors 1¼ to 1¾ Inches Thick

WROUGHT BRONZE, BRASS OR STEEL

WROUGHT BRONZE OR BRASS LATCHSETS—With Model "C" Spindle Mountings

Set Number	Description	Latch	Knobs	Trim	
				Outside	Inside
TG322	Inside door	22	TG102	TG2091	TG2091
TG322CS	Closet door	22	TG102x01938	TG2091	01938
†TGJF322	Inside door	22	JF2202	TG2091	TG2091
†THJF322CS	Closet door	22	JF2202x01938	TG2091	01938

WROUGHT BRONZE OR BRASS PUSH BUTTON LOCKSETS—With Model "C" Spindle Mountings

Set Number	Description	Lock	Knobs	Trim	
				Outside	Inside
TG324	Inside door	24	TG102	TG2091	TG2091S
*TG324E	Bath or bedroom door	24	TG102	TG2091E	TG2091S
†TGJF324	Inside door	24	JF2202	TG2091	TG2091S
*†TGJF324E	Bath or bedroom door	24	JF2202	TG2091E	TG2091S

WROUGHT STEEL LATCHSETS—With Model "C" Spindle Mountings

Set Number	Description	Latch	Knobs	Trim	
				Outside	Inside
TG0323	Inside door	23	TG0102	TG02091	TG02091
TG0323CS	Closet door	23	TG0102x01938	TG02091	01938
†TGJF0323	Inside door	23	JF2202	TG02091	TG02091
†TGJF0323CS	Closet door	23	JF2202x01938	TG02091	01938

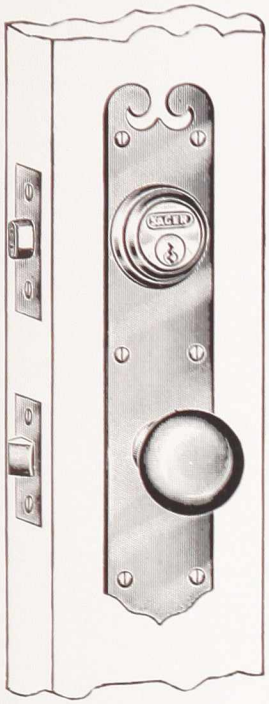
WROUGHT STEEL PUSH BUTTON LOCKSETS—With Model "C" Spindle Mountings

Set Number	Description	Lock	Knobs	Trim	
				Outside	Inside
TG0325	Inside door	25	TG0102	TG02091	TG02091S
TG0325E	Bath or bedroom door	25	TG0102	TG02091E	TG02091S
*†TGJF0325	Inside door	25	JF2202	TG02091	TG02091S
*†TGJF0325E	Bath or bedroom door	25	JF2202	TG02091E	TG02091S

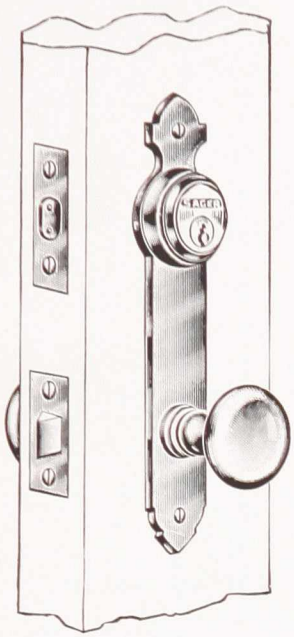
Packed each set in a box, complete with directions, template and screws.
Box strikes will be furnished when specified, at an additional price.
*Packed with an emergency key.
†If EF or PF Glass knobs are wanted, Specify by changing knob symbol in set number from JF to EF or PF.
Specify Number and Finish. Refer to Page 32A for description of finishes.

TUBULAR ENTRANCE DOOR LOCKSETS

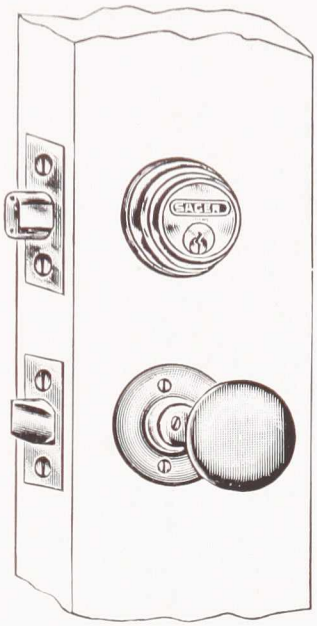
For Doors 1¼ to 1¾ Inches Thick



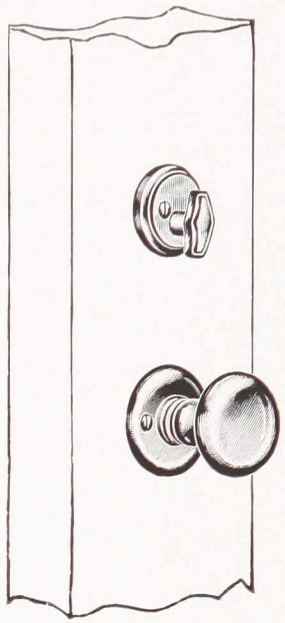
Set No. KD3975
KIRKDALE DESIGN



Set No. MH3975
MOHAWK DESIGN



Set No. PH3975
PARKHILL DESIGN



No. PH3
Inside Trim

Knobs with Model "C" Spindle Mountings

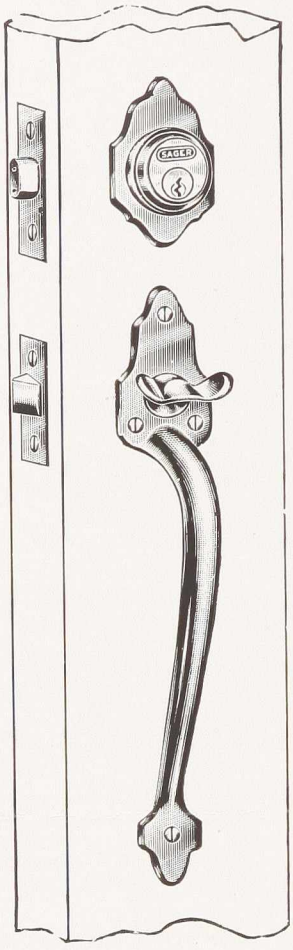
Set Number	Dead Lock		Latch		Trim		
	Number	Page	Number	Page	Knobs	Outside	Inside
KD3975 x PH3	975	79	22	308C	AF102	KD18	PH2091
MH3975 x PH3	975	79	22	308C	AF102	MH18	PH2091
PH3975 x PH3	975	79	22	308C	AF102	PH2091	PH2091

Packed one set in a box, complete with directions, templates and screws.

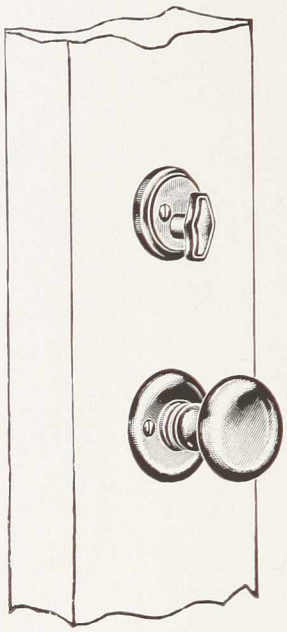
Knobs of other designs with Model "C" Spindle Mountings may be substituted at difference in price. Specify Number and Finish. Refer to Page No. 32A for description of finishes.

TUBULAR ENTRANCE DOOR LOCKSETS

For Doors 1¼ to 1¾ Inches Thick



Set No. FF97975



No. PH3
Inside Trim

Knobs with Model "C" Spindle Mountings

Set Number	Inside Trim	Dead Lock		Latch		Handle Number	Size Over All Inches	Projection Inches	Cylinder Plate Inches
		Number	Page	Number	Page				
FF97975	*PH3	975	79	22	308C	FF97	16 x 2⅛	2⅛	3⅛ x 2¼

Packed one set in a box, complete with directions, templates and screws.

*Wrought Bronze Knob, Rose and Turn Knobs in each set. Knobs of other designs with Model "C" Spindle Mountings may be substituted at difference in price.

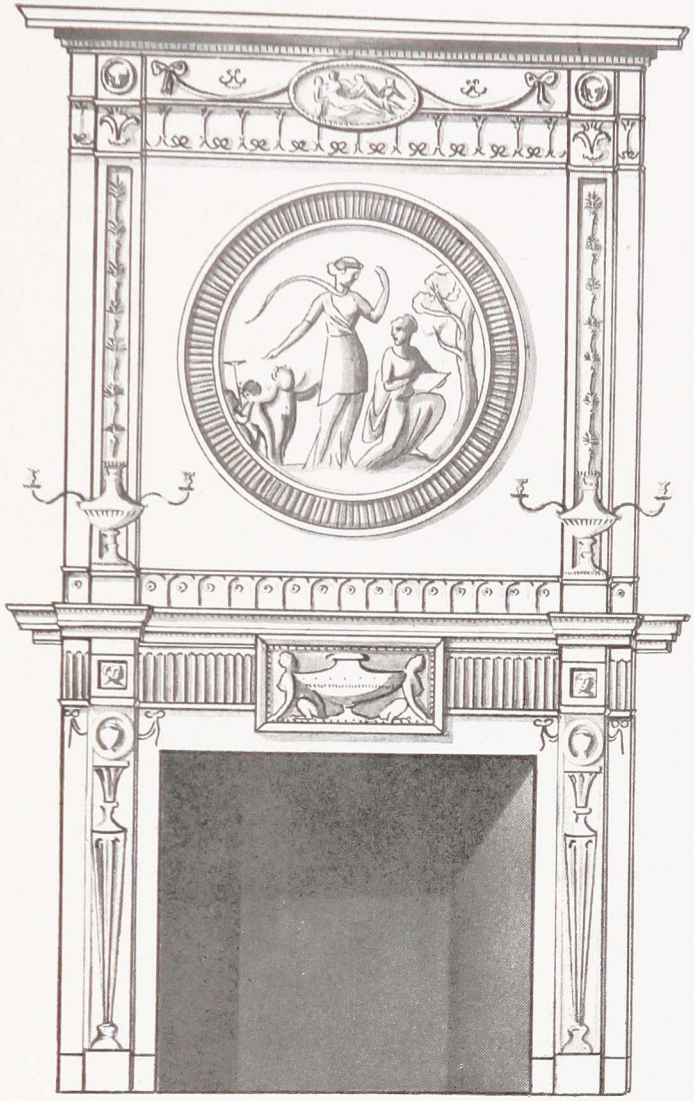
Specify Number and Finish. Refer to Page No. 32A for description of finishes.

CAST BRONZE DESIGNS

Symbol	Name	Period	Page
AH	AMHERST	COLONIAL	322
AP	ALPINE	MISSION	377
AS	ASHLEY	COLONIAL	314A
BB	BRANDENBURG	GOTHIC, GERMAN	354
BD	BADEN	RENAISSANCE, GERMAN	402
CA	CROMART	MODERN (Contemporary)	388
CE	CUESTA	MISSION	374
CI	CADIZ	MISSION	376
CN	CASTLETOWN	GOTHIC, ENGLISH	351
DC	DORCHESTER	COLONIAL	327
DH	DURHAM	COLONIAL	325
DJ	DIJON	LOUIS XIV	408
DM	DARTMOOR	GOTHIC-TUDOR	356
EX	ESSEX	GEORGIAN	346
FC	FAIRCHILD	COLONIAL	314G
FH	FARNHURST	COLONIAL	314B
FR	FERNRIDGE	COLONIAL	314C
FD	FLANDERS	RENAISSANCE, FLEMISH	401
GA	GRANADA	MOORISH	397
GN	GENOVA	RENAISSANCE, ITALIAN	404
HB	HAMBURG		411
HC	HANCOCK		411
HE	HELLER		411
KS	KINGSTON	COLONIAL	314D
LB	LESBOS	GREEK	364
LC	LORCA	MISSION	367
LD	LANGSDALE	COLONIAL	336
LG	LIGURIA	RENAISSANCE, ITALIAN	405
LI	LIPARI	RENAISSANCE, ITALIAN	406
LN	LINO	MODERN (Contemporary)	383
LW	LOWELL		410
MD	MODISTO	MISSION	3
NA	NOBART	MODERN (Contemporary)	3
NE	NEWCASTLE	COLONIAL	3
OH	OLDHAM	GEORGIAN	3
PR	PERU	MISSION	3
PB	PINEBRO	MODERN (Contemporary)	3
PC	PRESCOTT	COLONIAL	3
PL	PYLON	MODERN (Contemporary)	3
RL	RALEIGH	COLONIAL	3
RN	RAVENEAU		4
RE	REVERE	COLONIAL	3
RF	REDFIELD	MODERN (Neo-Classic)	3
RD	RHODES	GREEK	3
RM	RICHMOND	MODERN (Neo-Classic)	3
RO	RIONIDO	MISSION	3
RW	ROCKWOOD	COLONIAL	3
SD	SHELDON	COLONIAL	3
SG	SAGO	MODERN (Contemporary)	3
SM	SAMOS	GREEK	3
SN	SALERNO	RENAISSANCE, ITALIAN	4
VN	VERNON	GEORGIAN	3
VT	VICTORIA	COLONIAL	3
WP	WINTHROP	COLONIAL	3
WS	WINDSOR	COLONIAL	3
WT	WINTON	ADAM	3
WE	WYRE	EARLY ENGLISH	3
YL	YARDLEY	COLONIAL	3
YM	YARMOUTH	COLONIAL	3
YR	YARROW	COLONIAL	3
YT	YORKTOWN	COLONIAL	3
YV	YORKVILLE	COLONIAL	3

ARCHITECTURAL PERIOD PLATES

Period		Page
ADAM		309
COLONIAL		313
EARLY ENGLISH		339
GEORGIAN		343
GOTHIC	ENGLISH, GERMAN, TUDOR	349
GREEK		359
MISSION		365
MODERN-20th CENTURY MODERN (Contemporary)		379
MOORISH		395
RENAISSANCE	FLEMISH, ITALIAN, FRENCH	399



ADAM

Robert and James Adam, architects, established about 1760, were for thirty years the dominating influence in English domestic architecture. In their adaptation of the traditional forms of the Late Georgian period they achieved a marked originality, and may be described as having domesticated the "Classic". In the arrangement of rooms "en suite," the creation of vistas, and in the use of oval shaped rooms, they were particularly successful. Their work possessed an extraordinary refinement of detail best exemplified in their entrance doorways and fanlights, their fireplaces and interior wall treatment generally, but more particularly in their ceilings. In their use of classic forms they were particularly fond of including grotesques, allegorical subjects, sphinxes, dancing girls, signs of the Zodiac, medallions, rosettes, ribbons, swags and festoons, in a manner reminiscent of their extensive studies at Pompeii and Herculaneum. Their delicate details were much enhanced by the superior craftsmanship of their day.

WINTON DESIGN SYMBOL WT

ADAMS PERIOD
CAST BRONZE OR BRASS

No. WT1990

No. WT3290

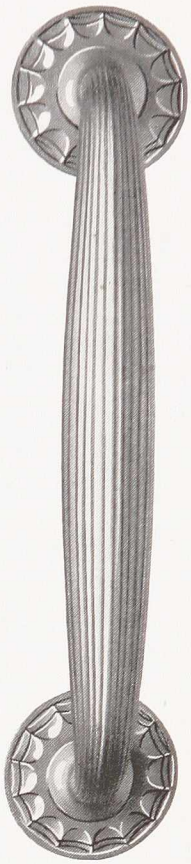
No. WT2490 B

Type No.
WT 2490 ½

No. WT102¼ x WT2090

No. WT2390 x WT2090

No. WT2590



No. WT3890

Number	Size, Inches	Description
WT102¼	2¼	Door knobs, Model "C" spindle mounting
WT1990	2½	Cylinder plate
WT2090	2⅛	Knob rose
WT2390	3½x1	Lever
WT2490B	1⅜	Turn knob on plate, 3/16 inch spindle on diamond
WT2490½B	1⅜	Turn knob on plate, 7/32 inch flat spindle
WT2590	1⅜	Key escutcheon
WT3290	2⅛	Push button
WT3890	10⅞x2⅛	Door pull x No. 3907 Grip. Refer to Page No. 180.

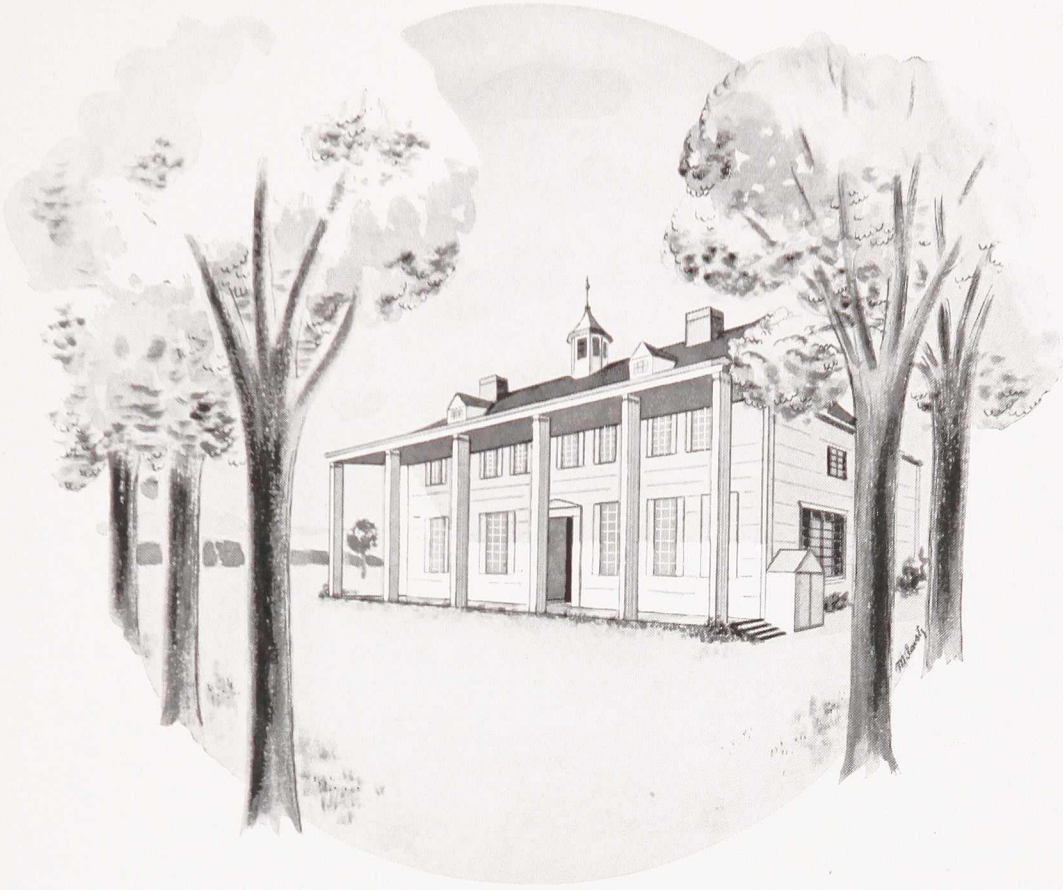
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
WT1120	Closet door	120	3	WT102¼	WT2090	None
WTL240	French door	240	11	WT2390 Lever	WT2090	WT2590
WT1260	Inside door	260	15	WT102¼	WT2090	WT2590
WT1300	Inside door	300	16	WT102¼	WT2090	WT2590
WT1300¾	Inside door	300¾	16	WT102¼	WT2090	WT2590
WT1480	Bathroom door	480	21	WT102¼	WT2090	WT2590 x WT2490B
WT1482	Communicating door	482	22	WT102¼	WT2090	WT2490B
†WT1670	Cylinder, front door	670	32	WT102¼	WT2090	WT1990 x WT2490B
†WT1670V	Cylinder, vestibule door	670V	33	WT102¼	WT2090	WT1990

Packed each set in a box, complete with screws.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

[FUTURE DESIGNS]



COLONIAL

American colonial architecture sprang from the effort to perpetuate the Renaissance of England in the new world environment, an effort much influenced by ideas from Holland, France and other parts of Europe. Early homes were simple, rugged and substantial, massed around a great chimney stack with a framework of heavy oak and finished with a shingled or clapboard exterior. After 1800, with the use of pine, came more ornament and finer detail. Information was scarce and much work was done from carpenters' handbooks, aided by craftsmen with good taste. Asher Benjamin published a superior book of this kind in 1805. Salem was the center of the style in Massachusetts and Samuel McIntire, 1785-1810, the best exponent of the finer work. Simple forms prevailed, with stonework frequently imitated in wood. In the Virginias, under a more aristocratic influence, the style became one of much elegance and beauty. To the moldings, frets, finials and urns of the period were added somewhat later the eagle, stars and other features expressive of the patriotic feelings induced by the Declaration of Independence.

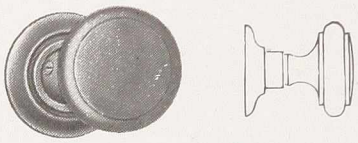
FARNHURST DESIGN SYMBOL FH

CAST BRONZE OR BRASS
COLONIAL PERIOD

No. FH1990

No. FH2590

No. FH2490B
No. FH2490½B



No. FH101¾ x FH2090
No. FH102 x FH2090
Type Nos. FH102½ x FH2091
Type Nos. FH103 x FH2092

Number	Size, Inches	Description
FH101¾	1¾	Door knob, Model "C" spindle mounting
FH102	2	Door knob, Model "C" spindle mounting
*FH102½	2½	Door knob, Model "C" spindle mounting
*FH103	3	Door knob, Model "C" spindle mounting
FH1990	2	Cylinder plate
FH2090	1¾	Knob rose
FH2091	2	Knob rose
*FH2093	2¼	Knob rose
FH2490B	1⅞x⅞	Turn knob on plate, 3/16 inch spindle on diamond
FH2490½B	1⅞x⅞	Turn knob on plate, 7/32 inch flat spindle
FH2590	1⅞x⅞	Key escutcheon
FH6090	1¼	Drawer knob

Other roses can be furnished at difference in price. Refer to Page No. 130.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.
*No. FH102½ and FH103 have larger shanks than FH101¾ and FH102 and must be used with rose No. FH2093.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
FH5120	Latch	120	3	FH101¾	FH2990	None
FH3120	Latch	120	3	FH102	FH2990	None
FH5300	Inside door	300	16	FH101¾	FH2990	FH2590
FH3300	Inside door	300	16	FH102	FH2990	FH2590
FH5300¾	Inside door	300¾	16	FH101¾	FH2990	FH2590
FH3300¾	Inside door	300¾	16	FH102	FH2990	FH2590
FH5480	Bathroom door	480	21	FH101¾	FH2990	FH2590xFH2490B
FH3480	Bathroom door	480	21	FH102	FH2990	FH2590xFH2490B
FH5482	Communicating door	482	22	FH101¾	FH2990	FH2490B
FH3482	Communicating door	482	22	FH102	FH2990	FH2490B
†FH3670	Cylinder, front door	670	32	FH102	FH2990	FH1990xFH2490B
†FH3670V	Cylinder, vestibule door	670V	33	FH102	FH2990	FH1990

Packed each set in a box, complete with screws.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.
If No. FH102½xFH2093 knob and rose is wanted, change Symbol "5" to "6".
If No. FH103xFH2093 knob and rose is wanted, change Symbol "5" to "7".

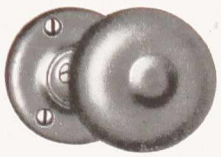
KINGSTON DESIGN SYMBOL KS

CAST BRONZE OR BRASS
COLONIAL PERIOD

No. KS1990

No. KS2590

No. KS2490B
No. KS2490½B



No. KS101¾ x KS2090
No. KS102 x KS2091

Number	Size, Inches	Description
KS101¾	1¾	Door knob, Model "C" spindle mounting
KS102	2	Door knob, Model "C" spindle mounting
KS1990	1¾	Cylinder plate
KS2090	1¾	Knob rose
KS2091	2	Knob rose
KS2490B	1⅞x⅞	Turn knob on plate, 3/16 inch spindle on diamond
KS2490½B	1⅞x⅞	Turn knob on plate, 7/32 inch flat spindle
KS2590	1⅞x⅞	Key escutcheon
KS6090	1¼	Drawer knob

Concealed screw roses can be furnished at additional price. Refer to Page No. 130.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

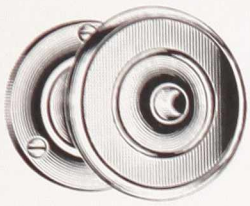
CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
KS5120	Latch	120	3	KS101¾	KS2090	None
KS3120	Latch	120	3	KS102	KS2090	None
KS5300	Inside door	300	16	KS101¾	KS2090	KS2590
KS3300	Inside door	300	16	KS102	KS2090	KS2590
KS5300¾	Inside door	300¾	16	KS101¾	KS2090	KS2590
KS3300¾	Inside door	300¾	16	KS102	KS2090	KS2590
KS5480	Bathroom door	480	21	KS101¾	KS2090	KS2590xKS2490B
KS3480	Bathroom door	480	21	KS102	KS2090	KS2590xKS2490B
KS5482	Communicating door	482	22	KS101¾	KS2090	KS2490B
KS3482	Communicating door	482	22	KS102	KS2090	KS2490B
†KS5670	Cylinder, front door	670	32	KS102	KS2090	KS1990xKS2490B
†KS5670V	Cylinder, vestibule door	670V	33	KS102	KS2090	KS1990

Packed each set in a box, complete with screws.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finishes.

NEWCASTLE BRONZE SYMBOL NE

COLONIAL PERIOD
CAST BRONZE OR BRASS

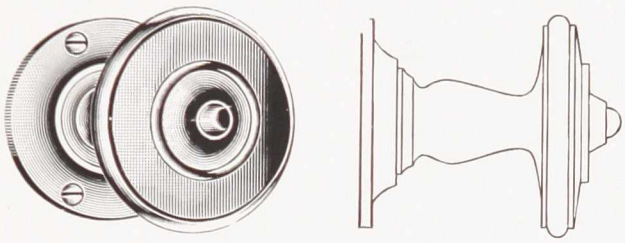


No. NE101¾ x No. NE2090

No. NE2590

No. NE6090

No. NE1990



No. NE102 x No. NE2091

Number	Size, Inches	Description
NE101¾	1¾	Door knobs, Model "C" spindle mountings
NE102	2	Door knobs, Model "C" spindle mountings
NE1990	2	Cylinder plate
NE2090	1⅝	Knob rose
NE2091	2	Knob rose
NE2490B	1⅞x¾	Turn knob on plate, 3/16 inch spindle on diamond
NE2490½B	1⅞x¾	Turn knob on plate, 7/32 inch flat spindle
NE2590	1⅞x¾	Key escutcheon
NE6090	1¼	Drawer knob

If concealed type of roses are required, substitute Nos. 2020F or 2021F. Refer to Page No. 130.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
NE3120	Latch	120	3	NE102	NE2091	None
NE5120	Latch	120	3	NE101¾	NE2090	None
NE3300	Inside door	300	16	NE102	NE2091	NE2590
NE5300	Inside door	300	16	NE101¾	NE2090	NE2590
NE3300¾	Inside door	300¾	16	NE102	NE2091	NE2590
NE5300¾	Inside door	300¾	16	NE101¾	NE2090	NE2590
NE3480	Bathroom door	480	21	NE102	NE2091	NE2590 x NE2490B
NE3482	Communicating door	482	22	NE102	NE2091	NE2490B
†NE3670	Cylinder, front door	670	32	NE102	NE2091	NE1990 x NE2490B
†NE3670V	Cylinder, vestibule door	670V	33	NE102	NE2091	NE1990

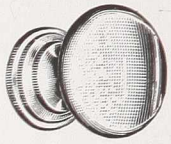
Packed each set in a box, complete with screws.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

YARDLEY DESIGN SYMBOL YL

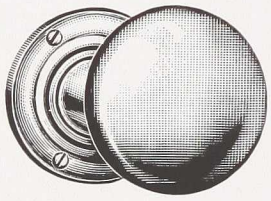
COLONIAL PERIOD
CAST BRONZE OR BRASS

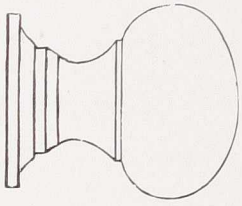
No. YL2590

No. YL1990



No. YL6090





Nos. YL101¾ x YL2090

Number	Size, Inches	Description
YL101¾	1¾	Door knobs, Model "C" spindle mounting
YL1990	2	Cylinder plate
YL2090	1⅝	Knob rose
YL2490B	1⅞x¾	Turn knob on plate, 3/16 inch spindle on diamond
YL2490½B	1⅞x¾	Turn knob on plate, 7/32 inch flat spindle
YL2590	1⅞x¾	Key escutcheon
YL6090	1¼	Drawer knob

If concealed screw type of rose is wanted, substitute No. 2020F. Refer to Page No. 130.
Specify Number and Finish. Refer to Page No. 32A or description of finish.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

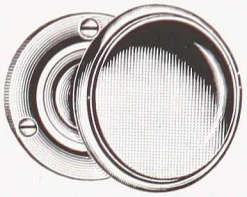
Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
YL5120	Latch	120	3	YL101¾	YL2090	None
YL5260	Inside door	260	15	YL101¾	YL2090	YL2590
YL5300	Inside door	300	16	YL101¾	YL2090	YL2590
YL5300¾	Inside door	300¾	16	YL101¾	YL2090	YL2590
YL5480	Bathroom door	480	21	YL101¾	YL2090	YL2590 x YL2490B
YL5482	Communicating door	482	22	YL101¾	YL2090	YL2490B
†**YL5670**	Cylinder, front door	670	32	YL101¾	YL2090	YL1990 x YL2490B
†**YL5670**	Cylinder, vestibule door	670V	33	YL101¾	YL2090	YL1990

Packed each set on a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

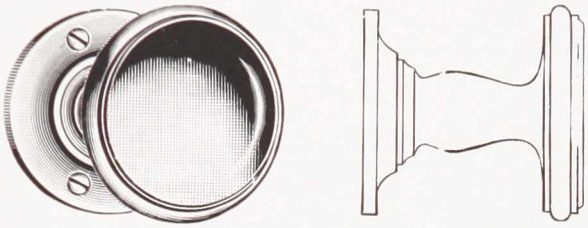
YORKVILLE DESIGN SYMBOL YV

COLONIAL PERIOD
CAST BRONZE OR BRASS

No. YV1990



No. YV101¾ x YV2090



No. YV102 x YV2091

No. YV2590

No. YV6090

Number	Size, Inches	Description
YV101¾	1¾	Door knobs, Model "C" spindle mountings
YV102	2	Door knobs, Model "C" spindle mountings
YV1990	2	Cylinder plate
YV2090	1⅝	Knob rose
YV2091	2	Knob rose
YV2490B	1 7/8x¾	Turn knob on plate, 3/16 inch spindle on diamond
YV2490½B	1 7/8x¾	Turn knob on plate, 7/32 inch flat spindle
YV2590	1 7/8x¾	Key escutcheon
YV6090	1¼	Drawer knob

If concealed screw type of roses are wanted, substitute No. 2020F or No. 2021F. Refer to Page No. 130.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
YV3120	Latch	120	3	YV102	YV2091	None
YV5120	Latch	120	3	YV101¾	YV2090	None
YV3300	Inside door	300	16	YV102	YV2091	YV2590
YV5300	Inside door	300	16	YV101¾	YV2090	YV2590
YV3300¾	Inside door	300¾	16	YV102	YV2091	YV2590
YV5300¾	Inside door	300¾	16	YV101¾	YV2090	YV2590
YV3480	Bathroom door	480	21	YV102	YV2091	YV2590 x YV2490B
YV5480	Bathroom door	480	21	YV101¾	YV2090	YV2590 x YV2490B
YV3482	Communicating door	482	22	YV102	YV2091	YV2490B
YV5482	Communicating door	482	22	YV101¾	YV2090	YV2490B
†YV3670	Cylinder, front door	670	32	YV102	YV2091	YV1990 x YV2490B
†YV3670V	Cylinder, vestibule door	670V	33	YV102	YV2091	YV1990

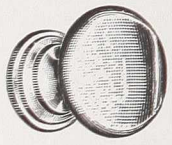
Packed each set in a box, complete with screws.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

YARMOUTH DESIGN SYMBOL YM

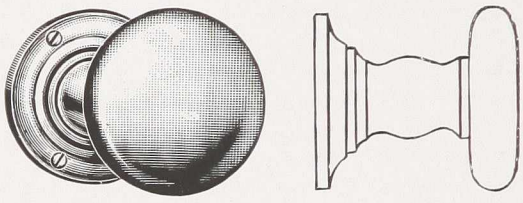
COLONIAL PERIOD
CAST BRONZE OR BRASS

No. YM1990

No. YM2590



No. YM6090



No. YM101¾ x YM2090

Number	Size, Inches	Description
YM 101¾	1¾	Door knobs, Model "C" spindle mountings
YM1990	2	Cylinder plate
YM2090	1⅝	Knob rose
YM2490B	1⅞x¾	Turn knob on plate, 3/16 inch spindle on diamond
YM2490½B	1⅞x¾	Turn knob on plate, 7/32 inch flat spindle
YM2590	1⅞x¾	Key escutcheon
YM6090	1¼	Drawer knob

If concealed screw type of roses are wanted, substitute No. 2020F. Refer to Page No. 130.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

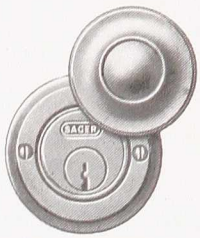
Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
YM5120	Latch	120	3	YM101¾	YM2090	None
YM5300	Inside door	300	16	YM101¾	YM2090	YM2590
YM5300¾	Inside door	300¾	16	YM101¾	YM2090	YM2590
YM5480	Bathroom door	480	21	YM101¾	YM2090	YM2590 x YM2490B
YM5482	Communicating door	482	22	YM101¾	YM2090	YM2490B
†YM5670	Cylinder, front door	670	32	YM101¾	YM2090	YM1990 x YM2490B
†YM5670V	Cylinder, vestibule door	670V	33	YM101¾	YM2090	YM1990

Packed each set in a box, complete with screws.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

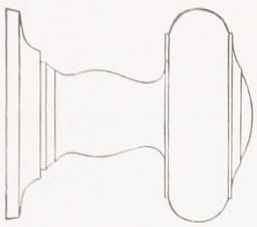
YARROW DESIGN SYMBOL YR

COLONIAL PERIOD
CAST BRONZE OR BRASS

No. YR101¾ x YR2091
Type YR102



No. YR1990D
Type YR1990



No. YR102½ x YR2091

No. YR6090

No. YR2590

Number	Size, Inches	Description
YR101¾	1¾	Door knobs, Model "C" spindle mountings
YR102	2	Door knobs, Model "C" spindle mountings
YR102½	2½	Door knobs, Model "C" spindle mountings
YR103	3	Door knobs, Model "C" spindle mountings
YR1990D	2¼	Cylinder plate with drop
YR1990	2¼	Cylinder plate without drop
YR2090	1⅝	Knob rose
YR2091	2	Knob rose
YR2490B	1⅞x¾	Turn knob on plate, 3/16 inch spindle on diamond
YR2490½B	1⅞x¾	Turn knob on plate, 7/32 inch flat spindle
YR2590	2x1	Key escutcheon
YR3290	1⅞	Push button
YR6090	1¼	Drawer knob

If concealed screw type of roses are wanted, substitute No. 2020F or No. 2021F. Refer to Page No. 130.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
YR3120	Latch	120	3	YR102	YR2091	None
YR5120	Latch	120	3	YR101¾	YR2090	None
YR3300	Inside door	300	16	YR102	YR2091	YR2590
YR5300	Inside door	300	16	YR101¾	YR2090	YR2590
YR3300¾	Inside door	300¾	16	YR102	YR2091	YR2590
YR5300¾	Inside door	300¾	16	YR101¾	YR2090	YR2590
YR3480	Bathroom door	480	21	YR102	YR2091	YR2590 x YR2490B
YR5480	Bathroom door	480	21	YR101¾	YR2090	YR2590 x YR2490B
YR3482	Communicating door	482	22	YR102	YR2091	YR2490B
YR5482	Communicating door	482	22	YR101¾	YR2090	YR2490B
†YR3670	Cylinder, front door	670	32	YR102	YR2091	YR1990D x YR2490B
†YR3670V	Cylinder, vestibule door	670V	33	YR102	YR2091	YR1990

Packed each set in a box, complete with screws.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

YORKTOWN DESIGN SYMBOL YT

COLONIAL PERIOD
CAST BRONZE OR BRASS

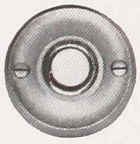
No. YT1990

No. YT6090

No. YT5891

No. YT2591

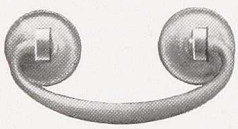
No. YT2590


No. YT3290

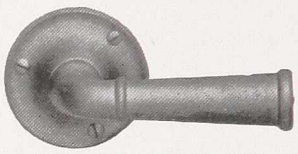
No. YT5590

No. YT3890

No. YT102¼ x YT2090


No. YT5890

No. YT30


No. YT2390 x YT2090

Number	Size, Inches	Description
YT30	3⅛	Escutcheon for sliding door locks
YT102¼	2¼	Door knobs, Model "C" spindle mounting
YT102½	2½	Door knobs, Model "C" spindle mounting
YT1991	2½	Cylinder plate
YT2090	2⅛	Knob rose
YT2390	3¼	Lever
YT2490B	1⅜	Turn knob on plate, 3/16 inch spindle on diamond
YT2490½B	1⅜	Turn knob on plate, 7/32 inch spindle, flat
YT2590	1⅜	Key escutcheon
YT2591	1⅛	Key escutcheon
YT3290	2	Push button
YT3890	9½x2	Door pull x No. 3903B Grip. Refer to Page No. 180.
YT5590	.....	Cabinet latch trim
YT5890	1⅛x3⅞	Drop handle drawer pull
YT5891	1⅛	Drop ring drawer pull
YT6090	1¼	Drawer pull

For entrance handle set, refer to Page No. 226.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
YT1120	Latch	120	3	YT102¼	YT2090	None
YTL240	French door	240	12	YT2390 Levers	YT2090	YT2590
YT1260	Inside door	260	15	YT102¼	YT2090	YT2590
YT1300	Inside door	300	16	YT102¼	YT2090	YT2590
YT1300¾	Inside door	300¾	16	YT102¼	YT2090	YT2590
YT1320¾	Inside door	320¾	17	YT102¼	YT2090	YT2590
YT1370¾	Inside door	370¾	18	YT102¼	YT2090	YT2590
YT1480	Bathroom door	480	21	YT102¼	YT2090	YT2590 x YT2490B
YT1482	Communicating door	482	22	YT102¼	YT2090	YT2490B
†YT1670	Cylinder, front door	670	32	YT102¼	YT2090	YT1990 x YT2490B
†YT1670V	Cylinder, vestibule door	670V	33	YT102¼	YT2090	YT1990

Packed each set in a box, complete with screws. †Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

ROCKWOOD DESIGN SYMBOL RW

COLONIAL PERIOD
CAST BRONZE

No. RW1990

No. RW6090

No. RW2590

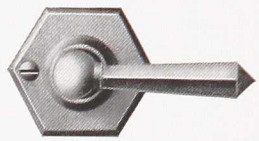
No. RW4390

No. RW102¼xRW2092
Type No. RW102½ x RW2092

No. RW101¾xRW2091

No. RW2591

No. RW3290


No. RW2390 x RW2090

Number	Size, Inches	Description
RW30	5⅛x2½	Escutcheon for sliding door locks
RW101¾	1¾	Door knobs, Model "C" spindle mountings
RW102¼	2¼	Door knobs, Model "C" spindle mountings
RW102½	2½	Door knobs, Model "C" spindle mountings
RW1990	2¼	Cylinder plate
RW2090	1½	Knob rose
RW2091	1¾	Knob rose
RW2092	2¼	Knob rose
RW2093	2½	Knob rose
RW2390	2½	Lever
RW2490B	1½	Turn knob on plate, 3/16 inch spindle on diamond
RW2490½B	1½	Turn knob on plate, 7/32 inch flat spindle
RW2590	1¼	Key escutcheon
RW2591	1½	Key escutcheon
RW2591D	1½	Key escutcheon, with drop
RW3290	2¼	Push button
RW3690	12 x3	Push plate
RW3890	12 x3	Door pull x No. 3905 Grip. Refer to Page No. 180.
RW4092	6¼x4½	Door knocker
RW4290	1½x5½	Bar sash lift
RW4390	1⅝x3⅛	Flush sash lift
RW6090	1¼	Drawer knob

Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
RW1120	Latch	120	3	RW102¼	RW2092	None
RWL5240	French door	240	12	RW2390 x RW101¾	RW2090	RW2590
RW1300	Inside door	300	16	RW102¼	RW2092	RW2590
RW1300¾	Inside door	300¾	16	RW102¼	RW2092	RW2590
RW1480	Bathroom door	480	21	RW102¼	RW2092	RW2590 x RW2490B
RW1482	Communicating door	482	22	RW102¼	RW2092	RW2490B
†RW1670	Cylinder, front door	670	32	RW102¼	RW2092	RW1990 x RW2090B
†RW1670V	Cylinder, vestibule door	670V	33	RW102¼	RW2092	RW1990

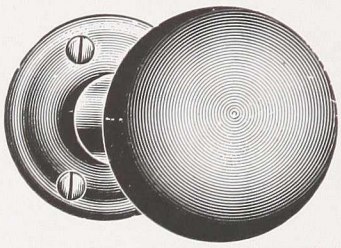
Packed each set in a box, complete with screws.
†Specify thickness of door.
For entrance handle set, refer to Page No. 232.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

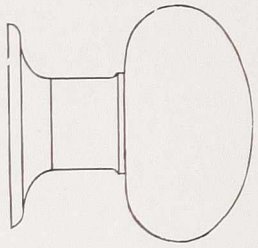
AMHERST DESIGN SYMBOL AH

COLONIAL PERIOD
CAST BRONZE OR BRASS

No. AH1990

No. AH2590





Nos. AH102¼ x AH2091
Type Nos. AH101¾ x AH2090
Type Nos. AH102 x AH2090
Type Nos. AH802 x AH2091

Number	Size, Inches	Description
AH101¾	1¾	Door knobs, Model "C" spindle mounting
AH102	2	Door knobs, Model "C" spindle mounting
AH102¼	2¼	Door knobs, Model "C" spindle mounting
AH802¼	2¼	Door knobs, Model "C" spindle mounting
AH1990	2	Cylinder ring
AH2090	1¾	Knob rose
AH2091	2	Knob rose
AH2490B	1¾x1 3/16	Turn knob on plate, 3/16 inch spindle on diamond
AH2490½B	1¾x1 3/16	Turn knob on plate, 7/32 inch flat spindle
AH2590	1¾x1 3/16	Key escutcheon

Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—Packed With 1¾ Inch Knobs, Model "C" Spindle Mountings

Set Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
AH5100	Latch	100	2	AH101¾	AH2090	None
AH5260	Inside door	260	15	AH101¾	AH2090	AH2590
AH5300	Inside door	300	16	AH101¾	AH2090	AH2590
AH5300¾	Inside door	300¾	16	AH101¾	AH2090	AH2590
AH5320¾	Inside door	320¾	17	AH101¾	AH2090	AH2590
AH5460	Bathroom door	460	21	AH101¾	AH2090	AH2590 x AH2490B
AH5480	Bathroom door	480	21	AH101¾	AH2090	AH2590 x AH2490B
AH5482	Communicating door	482	22	AH101¾	AH2090	AH2490B
†AH5670	Cylinder, front door	670	32	AH101¾	AH2090	1914 x AH2490B
†AH5670V	Cylinder, vestibule door	670V	33	AH101¾	AH2090	AH1990

Packed each set in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—Packed With 2 Inch Knobs, Model "C" Spindle Mountings

Set Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
AH3100	Latch	100	2	AH102	AH2090	None
AH3260	Inside door	260	15	AH102	AH2090	AH2590
AH3300	Inside door	300	16	AH102	AH2090	AH2590
AH3300¾	Inside door	300¾	16	AH102	AH2090	AH2590
AH3320¾	Inside door	320¾	17	AH102	AH2090	AH2590
AH3460	Bathroom door	460	21	AH102	AH2090	AH2590 x AH2490B
AH3480	Bathroom door	480	21	AH102	AH2090	AH2590 x AH2490B
AH3482	Communicating door	482	22	AH102	AG2090	AH2490B
†AH3670	Cylinder, front door	670	32	AH102	AH2090	1914 x AH2490B
†AH3670V	Cylinder, vestibule door	670V	33	AH102	AH2090	AH1990

Packed each set in a box, complete with screws. Specify Number and Finish. Refer to Page No. 32A for description of finish.

AMHERST DESIGN SYMBOL AH

COLONIAL PERIOD
CAST BRONZE OR BRASS

CAST BRONZE OR BRASS LOCKSETS—Packed with 2¼-Inch Cast Knobs, Model "C" Spindle Mountings

Set Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
AH1110	Latch	110	2	AH102¼	AH2091	None
AH1130	Latch	130	4	AH102¼	AH2091	None
AH1140	Latch	140	4	AH102¼	AH2091	None
AH1300	Inside door	300	16	AH102¼	AH2091	AH2590
AH1300¾	Inside door	300¾	16	AH102¼	AH2091	AH2590
AH1320¾	Inside door	320¾	17	AH102¼	AH2091	AH2590
AH1370¾	Inside door	370¾	18	AH102¼	AH2091	AH2590
AH1450	Bathroom door	450	23	AH102¼	AH2091	AH2590 x AH2490B
AH1452	Communicating door	452	23	AH102¼	AH2091	AH2490
AH1455¾	Bathroom door	455¾	24	AH102¼	AH2091	AH2590 x AH2490B
AH1460	Bathroom door	460	21	AH102¼	AH2091	AH2590 x AH2490B
AH1480	Bathroom door	480	21	AH102¼	AH2091	AH2590 x AH2490B
AH1482	Communicating door	482	22	AH102¼	AH2091	AH2490B
†**AH1670**	Cylinder, front door	670	32	AH102¼	AH2091	1914 x AH2490B
†**AH1670V**	Cylinder, vestibule door	670V	33	AH102¼	AH2091	1914
†**AH1690**	Cylinder, front door	690	38	AH102¼	AH2091	1914 x AH2490½B
†**AH1690V**	Cylinder, vestibule door	690V	39	AH102¼	AH2091	1914
†**AH1790**	Cylinder, office door	790	42	AH102¼	AH2091	1914

Packed 1 set in a box.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

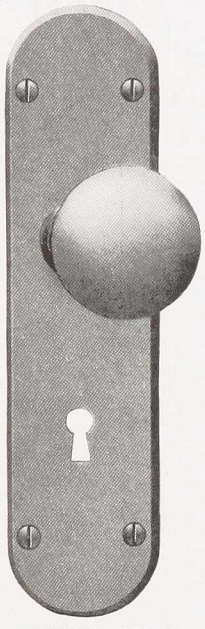
CAST BRONZE OR BRASS LOCKSETS—Packed with 2¼-Inch Wrought Top, Cast Shank Knobs, Model "C" Spindle Mountings

Set Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
AH8110	Latch	110	2	AH802¼	AH2091	None
AH8130	Latch	130	4	AH802¼	AH2091	None
AH8140	Latch	140	4	AH802¼	AH2091	None
AH8300	Inside door	300	16	AH802¼	AH2091	AH2590
AH8300¾	Inside door	300¾	16	AH802¼	AH2091	AH2590
AH8320¾	Inside door	320¾	17	AH802¼	AH2091	AH2590
AH8370¾	Inside door	370¾	18	AH802¼	AH2091	AH2590
AH8450	Bathroom door	450	23	AH802¼	AH2091	AH2590 x AH2490B
AH8452	Communicating door	452	23	AH802¼	AH2091	AH2490B
AH8455¾	Bathroom door	455¾	24	AH802¼	AH2091	AH2590 x AH2490B
AH8460	Bathroom door	460	21	AH802¼	AH2091	AH2590 x AH2490B
AH8480	Bathroom door	480	21	AH802¼	AH2091	AH2590 x AH2490B
AH8482	Communicating door	482	22	AH802¼	AH2091	AH2490B
†**AH8670**	Cylinder, front door	670	32	AH802¼	AH2091	1914 x AH2490B
†**AH8670V**	Cylinder, vestibule door	670V	33	AH802¼	AH2091	1914B
†**AH8690**	Cylinder, front door	690	38	AH802¼	AH2091	1914 x AH2490½B
†**AH8690V**	Cylinder, vestibule door	690V	39	AH802¼	AH2091	1914
†**AH8790**	Cylinder, office door	790	42	AH802¼	AH2091	1914

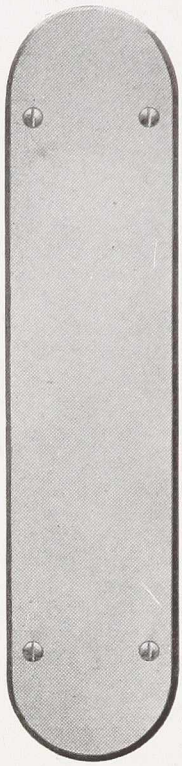
Packed 1 set in a box.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

WINTHROP DESIGN SYMBOL WP

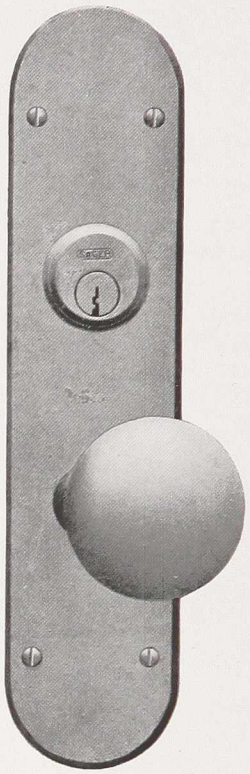
COLONIAL PERIOD
CAST BRONZE OR BRASS



No. WP102¼ x WP14



No. WP3690



No. WP102¼ x WP18

Number	Size, Inches	Description
WP10	4½x1⅞	Escutcheon
WP11	6 x1⅛	Escutcheon
WP14	7¼x2	Escutcheon
WP16	8½x2⅛	Escutcheon
WP17	9¾x2⅛	Escutcheon
WP18	10¾x2½	Escutcheon
WP30	7 x2¼	Escutcheon for sliding door locks
WP101¾	1¾	Door knobs, Model "C" spindle mountings
WP102¼	2¼	Door knobs, Model "C" spindle mountings
WP102½	2½	Door knobs, Model "C" spindle mountings
WP3290	4½x2	Push button
WP3690	10¾x2½	Push plate
WP3690	12¼x2⅞	Push plate
WP3690	14 x3¼	Push plate
WP3890	10¾x2½	Door pull x No. 3901 Grip. Refer to Page No. 180.
WP3890	12¼x2⅞	Door pull x No. 3901 Grip. Refer to Page No. 180.
WP3890	14 x3¼	Door pull x No. 3902 Grip. Refer to Page No. 180.
WP4390	1½x4⅝	Flush sash lift

For escutcheons with turn knobs, suffix Letter "T" to Number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

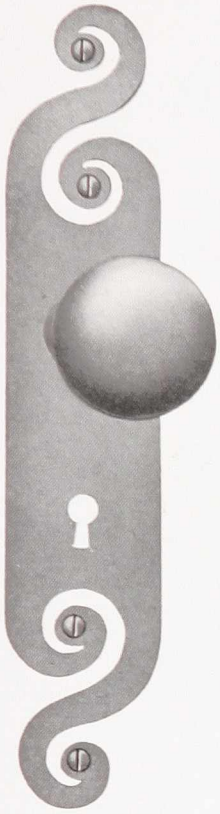
CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
WP1120	Latch	120	3	WP102¼	WP14	WP14
WPL5240	French door	240	12	WP101¾ x 2304	WP11	WP11
WP1300	Inside door	300	16	WP102¼	WP14	WP14
WP1480	Bathroom door	480	21	WP102¼	WP14	WP14T
WP1482	Communicating door	482	22	WP102¼	WP14T	WP14T
†**WP1670**	Cylinder, front door	670	32	WP102¼	WP18	WP14T
†**WP1670VZ**	Cylinder, vestibule door	670V	33	WP102¼	WP18	WP14

Packed each set in a box, complete with screws.
†Specify thickness of door. Specify Number and Finish. Refer to Page No. 32A for description of finish.

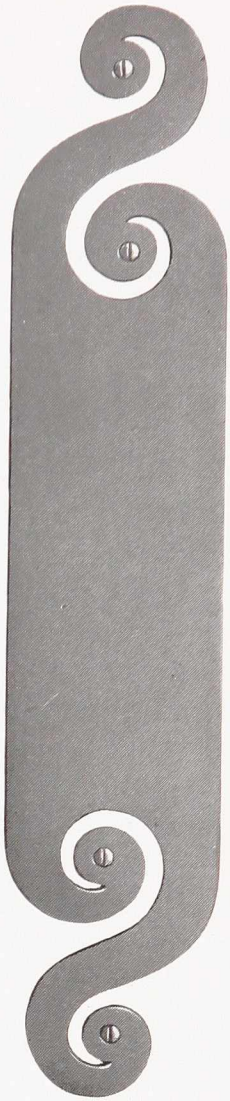
DURHAM DESIGN SYMBOL DH

COLONIAL PERIOD
CAST BRONZE OR BRASS



No. DH102¼ x DH14

No. DH102¼ x DH18



No. DH3690

Number	Size, Inches	Description
DH14	11½x2¼	Escutcheon
DH18	13½x2¾	Escutcheon
DH30	11½x2¼	Escutcheon for sliding door locks
DH102¼	2¼	Door knobs, Model "C" spindle mounting
DH3690	13½x2¾	Push plate
DH3690	15½x3	Push plate
DH3890	13½x2¾	Door pulls x No. 3901 Grip. Refer to Page No. 180.
DH3890	15½x3	Door pulls x No. 3902 Grip. Refer to Page No. 180.

For escutcheons with turn knobs, suffix Letter "T" to number. When ordering escutcheons only, specify lock with which they are to be used. Specify Number and Finish. Refer to Page No. 32A for description of finish.

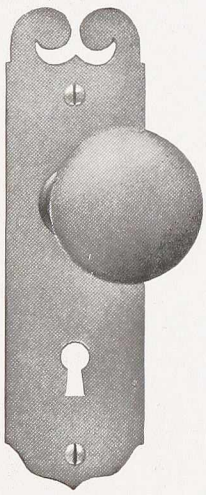
CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
DH1120	Latch	120	3	DH102¼	DH14	DH14
DH1300	Inside doors	300	16	DH102¼	DH14	DH14
DH1300¾	Inside door	300¾	16	DH102¼	DH14	DH14
DH1320¾	Inside door	320¾	17	DH102¼	DH14	DH14
DH1370¾	Inside door	370¾	18	DH102¼	DH14	DH14
DH1480	Bathroom door	480	21	DH102¼	DH14	DH14T
DH1482	Communicating door	482	22	DH102¼	DH14T	DH14T
†DH1670	Cylinder, front door	670	32	DH102¼	DH18	DH14T
†DH1670V	Cylinder, vestibule door	670V	33	DH102¼	DH18	DH14

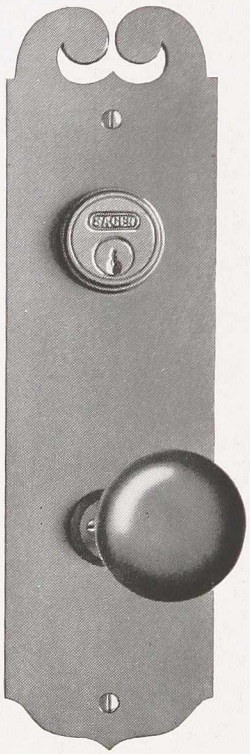
Packed each set in a box, complete with screws. †Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

REVERE DESIGN SYMBOL RE

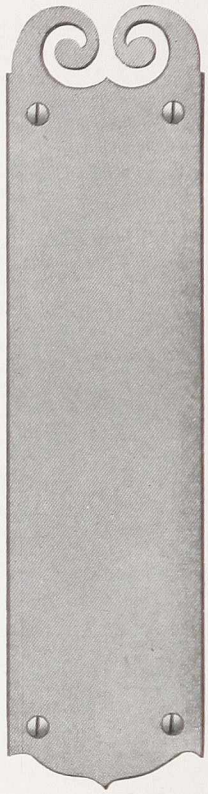
COLONIAL PERIOD
CAST BRONZE OR BRASS



No. RE102¼ x RE14



No. RE102¼ x RE18



No. RE3690

Number	Size, Inches	Description
RE10	5 x2	Escutcheon
RE14	7 x2⅛	Escutcheon
RE16	8 x2½	Escutcheon
RE18	10½x3	Escutcheon
RE30	8 x2½	Escutcheon for sliding door locks
RE102¼	2¼	Door knobs, Model "C" spindle mounting
RE102½	2½	Door knobs, Model "C" spindle mounting
RE3290	4 x1⅜	Push button
RE3690	10½x3	Push plate
RE3690	16½x3	Push plate
RE3890	10½x3	Door pull x No. 3901 Grip. Refer to Page No. 180.
RE3890	16½x3	Door pull x No. 3903 Grip. Refer to Page No. 180.
RE4290	1⅜x6	Bar sash lift
RE4390	1⅝x4¼	Flush sash lift

For escutcheons with turn knobs suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

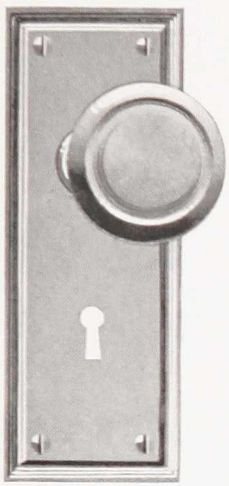
CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mounting

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
RE1120	Latch	120	3	RE102¼	RE14	RE14
RE1300	Inside door	300	16	RE102¼	RE14	RE14
RE1480	Bathroom door	480	21	RE102¼	RE14	RE14T
RE1482	Communicating door	482	22	RE102¼	RE14T	RE14T
†RE1670	Cylinder, front door	670	32	RE102¼	RE18	RE14T
†RE1670V	Cylinder, vestibule door	670V	33	RE102¼	RE16	RE14

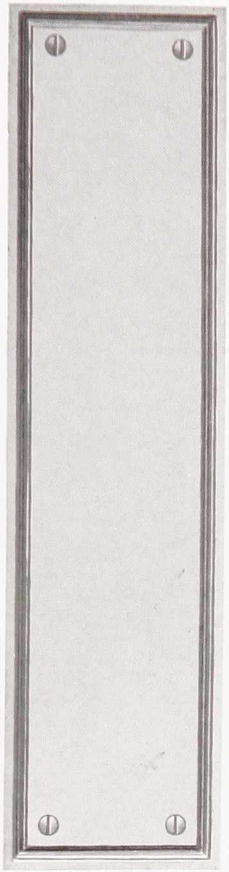
Packed each set in a box, complete with screws. †Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

DORCHESTER DESIGN SYMBOL DC

COLONIAL PERIOD
CAST BRONZE OR BRASS



No. DC102¼



No. DC3690

Nos. DC102¼ x DC18

Number	Size, Inches	Description
DC10	5¼x1⅛	Escutcheon
DC11	5 x1¼	Escutcheon
DC14	6⅝x2½	Escutcheon
DC17	9 x2⅝	Escutcheon
DC18	12 x3⅛	Escutcheon
DC30	6⅝x2½	Escutcheon for sliding door locks
DC102¼	2¼	Door knobs, Model "C" spindle mounting
DC102½	2½	Door knobs, Model "C" spindle mounting
DC3290	4 x2¼	Push button
DC3690	12 x3⅛	Push plate
DC3690	14 x3⅛	Push plate
DC3890	12 x3⅛	Door pull x No. 3901 Grip. Refer to Page No. 180.
DC3890	14 x3⅛	Door pull x No. 3902 Grip. Refer to Page No. 180.
DC4390	1⅝x4	Flush sash lift

For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

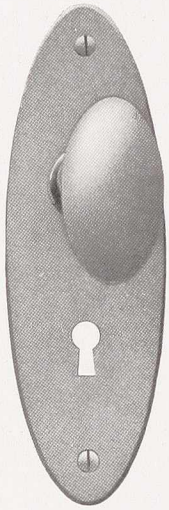
Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
DC1120	Latch	120	3	DC102¼	DC14	DC14
DC1300	Inside door	300	16	DC102¼	DC14	DC14
DC1480	Bathroom door	480	21	DC102¼	DC14	DC14T
DC1482	Communicating door	482	22	DC102¼	DC14T	DC14T
†DC1670	Cylinder, front door	670	32	DC102¼	DC18	DC14T
†DC1670V	Cylinder, vestibule door	670V	33	DC102¼	DC18	DC14

Packed each set in a box, complete with screws. †Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

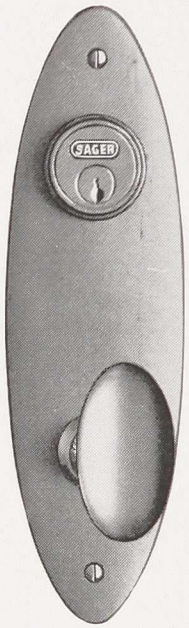
RALEIGH DESIGN SYMBOL RL

COLONIAL PERIOD
CAST BRONZE OR BRASS

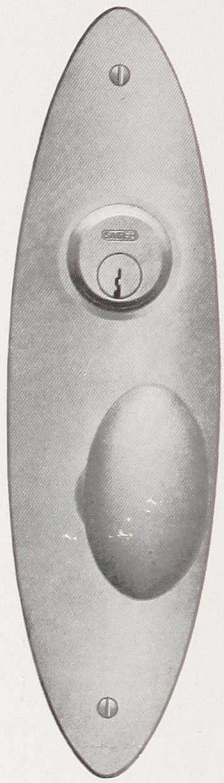
No. RL30



No. RL102¼ x RL14



No. RL102¼ x RL16



No. RL102¼ x RL18

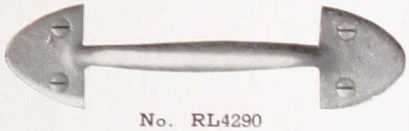
CAST BRONZE AND BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
RL1120	Latch	120	3	RL102¼	RL14	RL14
RL1130	Latch	130	4	RL102¼	RL14	RL14
RL1140	Latch	140	4	RL102¼	RL14	RL14
RLL5240	French door	240	12	RL101¾ x 2304 Lever	RL11	RL11
RL1300	Inside door	300	16	RL102¼	RL14	RL14
RL1300¾	Inside door	300¾	16	RL102¼	RL14	RL14
RL1320¾	Inside door	320¾	17	RL102¼	RL14	RL14
RL1370¾	Inside door	370¾	18	RL102¼	RL14	RL14
RL1450	Bathroom door	450	23	RL102¼	RL14	RL14T
RL1452	Communicating door	452	23	RL102¼	RL14T	RL14T
RL1455¾	Bathroom door	455¾	24	RL102¼	RL14	RL14T
RL1480	Bathroom door	480	21	RL102¼	RL14	RL14T
RL1482	Communicating door	482	22	RL102¼	RL14T	RL14T
†RL1670	Cylinder, front door	670	32	RL102¼	RL18	RL14T
RL1670V	Cylinder, vestibule door	670V	33	RL102¼	RL18	RL14
†RL1670VZ	Cylinder, vestibule door	670V	33	RL102¼	RL16	RL14
†RL1690	Cylinder, front door	690	38	RL102¼	RL18	RL14T
RL1690V	Cylinder, vestibule door	690V	39	RL102¼	RL18	RL14
†RL1690VZ	Cylinder, vestibule door	690V	39	RL102¼	RL16	RL14
†RL1790	Cylinder, office door	790	42	RL102¼	RL18	RL14

Packed each set in a box, complete with screws.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

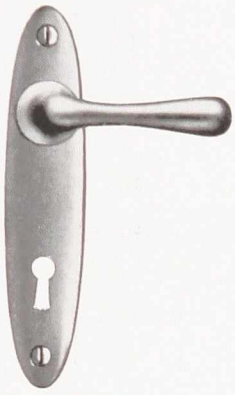
RALEIGH DESIGN SYMBOL RL

COLONIAL PERIOD
CAST BRONZE OR BRASS

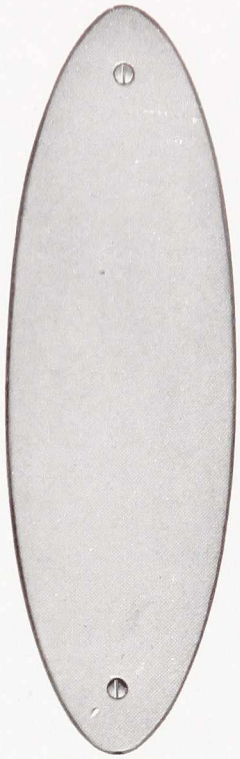


No. RL4290

No. RL4390



No. 2304 x RL11



No. RL3690

No. RL3890

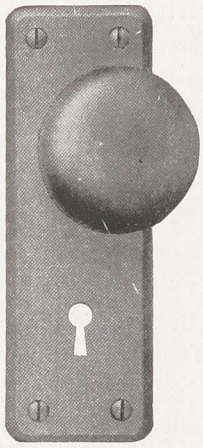
Number	Size, Inches	Description
RL10	5 x2	Escutcheon
RL11	5½x1⅛	Escutcheon
RL14	7⅛x2⅜	Escutcheon
RL16	8¾x2⅝	Escutcheon
RL18	10½x3⅛	Escutcheon
RL30	7¼x2⅜	Escutcheon for sliding door locks
RL101¾	1¾	Door knobs, Model "C" spindle mounting
RL102¼	2¼	Door knobs, Model "C" spindle mounting
RL102½	2½	Door knobs, Model "C" spindle mountings
RL2490B	2¼x1	Turn knob on plate, 3/16 inch spindle on diamond
RL2490½B	2¼x1	Turn knob on plate, 7/32 inch flat spindle
RL2590	2¼x1	Key escutcheon
RL3290	4½x1½	Push button
RL3491	2⅜x7½	Letter box plate—opening 1"x4⅞"
RL3492	2⅜x7½	Letter box plate x back plate
RL3493	2⅜x7½	Letter box plate x hood
RL3690	10½x3½	Push plate
RL3690	12 x3½	Push plate
RL3690	15¾x3½	Push plate
RL3690	20 x4	Push plate
RL3890	10½x3½	Door pulls x No. 3901 grip. Refer to Page No. 180.
RL3890	12 x3½	Door pulls x No. 3902 grip. Refer to Page No. 180.
RL3890	15¾x3½	Door pulls x No. 3903 grip. Refer to Page No. 180.
RL3890	20 x4	Door pulls x No. 3904 grip. Refer to Page No. 180.
RL4290	1½x5¾	Bar sash lift
RL4390	1⅝x3⅞	Flush sash lift

For escutcheons with turn knob, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

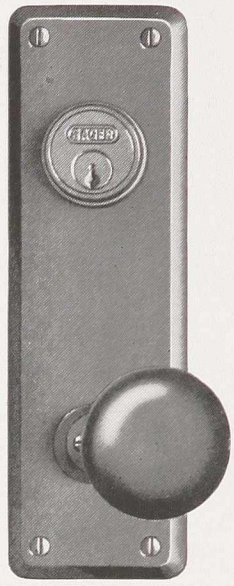
PRESCOTT DESIGN SYMBOL PC

COLONIAL PERIOD
CAST BRONZE OR BRASS

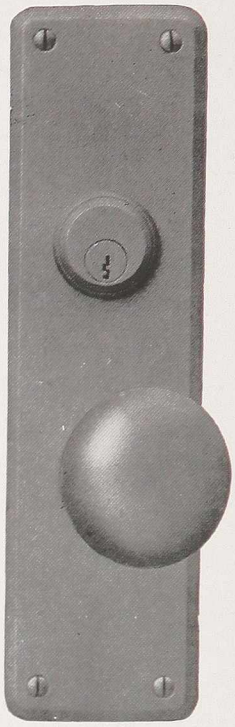
No. PC30



No. PC102¼ x PC14



No. PC102¼ x PC16



No. PC102¼ x PC18

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
PC1120	Latch	120	3	PC102¼	PC14	PC14
PC1130	Latch	130	4	PC102¼	PC14	PC14
PC1140	Latch	140	4	PC102¼	PC14	PC14
PCL5240	French door	240	12	PC101¾ x 2304 Lever	PC11	PC11
PC1300	Inside door	300	16	PC102¼	PC14	PC14
PC1300¾	Inside door	300¾	16	PC102¼	PC14	PC14
PC1320¾	Inside door	320¾	17	PC102¼	PC14	PC14
PC1370¾	Inside door	370¾	18	PC102¼	PC14	PC14
PC1450	Bathroom door	450	23	PC102¼	PC14	PC14T
PC1452	Communicating door	452	23	PC102¼	PC14T	PC14T
PC1455¾	Communicating door	455¾	24	PC102¼	PC14	PC14T
PC1480	Bathroom door	480	21	PC102¼	PC14	PC14T
PC1482	Communicating door	482	22	PC102¼	PC14T	PC14T
†**PC1670**	Cylinder, front door	670	32	PC102¼	PC18	PC14T
PC1670V	Cylinder, vestibule door	670V	33	PC102¼	PC18	PC14
†**PC1670VZ**	Cylinder, vestibule door	670V	33	PC102¼	PC16	PC14
†**PC1690**	Cylinder, front door	690	38	PC102¼	PC18	PC14T
PC1690V	Cylinder, vestibule door	690V	39	PC102¼	PC18	PC14
†**PC1690VZ**	Cylinder, vestibule door	690V	39	PC102¼	PC16	PC14
†**PC1790**	Cylinder, office door	790	42	PC102¼	PC18	PC14

Packed each, 1 set in a box, complete with screws. †Specify thickness of door.
For entrance handle sets, refer to Page No. 246. Specify Number and Finish. Refer to Page No. 32A for description of finish.

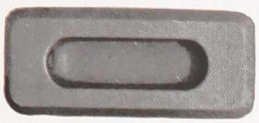
WITH WROUGHT TOP CAST SHANK KNOBS—With Model "C" Spindle Mountings

PC8120	Latch	120	3	PC802¼	PC14	PC14
PC8130	Latch	130	4	PC802¼	PC14	PC14
PC8140	Latch	140	4	PC802¼	PC14	PC14
PC8300	Inside door	300	16	PC802¼	PC14	PC14
PC8300¾	Inside door	300¾	16	PC802¼	PC14	PC14
PC8320¾	Inside door	320¾	17	PC802¼	PC14	PC14
PC8370¾	Inside door	370¾	18	PC802¼	PC14	PC14
PC8450	Bathroom door	450	23	PC802¼	PC14	PC14T
PC8452	Communicating door	452	23	PC802¼	PC14T	PC14T
PC8455¾	Communicating door	455¾	24	PC802¼	PC14	PC14T
PC8480	Bathroom door	480	21	PC802¼	PC14	PC14T
PC8482	Communicating door	482	22	PC802¼	PC14T	PC14T
†**PC8670**	Cylinder, front door	670	32	PC802¼	PC18	PC14T
†**PC8670V**	Cylinder, vestibule door	670V	33	PC802¼	PC18	PC14
†**PC8690**	Cylinder, front door	690	38	PC802¼	PC18	PC14T
†**PC8690V**	Cylinder vestibule door	690V	39	PC802¼	PC18	PC14
†**PC8790**	Cylinder, office door	790	42	PC802¼	PC18	PC14

Packed each, 1 set in a box, complete with screws. For entrance handle sets, refer to Page No. 246.
†Specify thickness of door. Specify Number and Finish. Refer to Page No. 32A for description of finish.

PRESCOTT DESIGN SYMBOL PC

COLONIAL PERIOD
CAST BRONZE OR BRASS

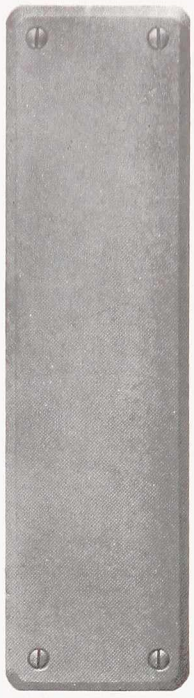


No. PC4390

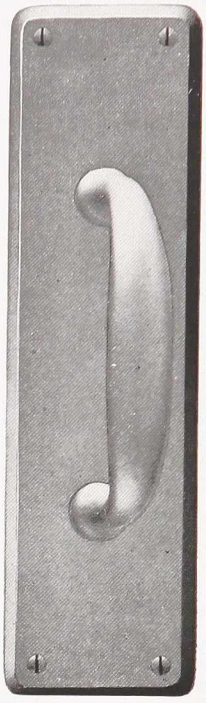
No. PC2590

No. PC3290

No. PC3491
Type of No. PC3461



No. PC3690



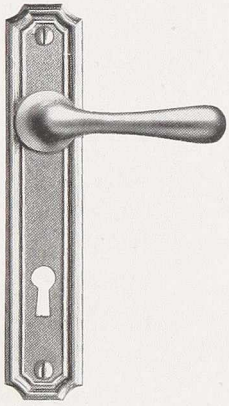
No. PC3890

Number	Size, Inches	Description
PC10	3½x1½	Escutcheon
PC11	5 x1⅜	Escutcheon
PC13	6 x2	Escutcheon
PC14	7 x2¼	Escutcheon
PC16	8 x2½	Escutcheon
PC18	10 x3	Escutcheon
PC30	6 x2	Escutcheon for sliding door locks
PC101¾	1¾	Door knobs, Model "C" spindle mounting
PC102¼	2¼	Door knobs, Model "C" spindle mounting
PC102½	2½	Door knobs, Model "C" spindle mounting
PC802¼	2¼	Door knobs (wrought top cast shank, Model "C" spindle mounting)
PC2090	2 x2	Knob rose
PC2490B	2⅛x1⅛	Turn knob on plate, 3/16 inch spindle on diamond
PC2490½B	2⅛x1⅛	Turn knob on plate, 7/32 inch flat spindle
PC2590	2⅛x1⅛	Key escutcheon
PC3290	3½x1½	Push button
PC3461	3 x10	Letter box plate—opening—1½"x7"
PC3462	3 x10	Letter box plate x back plate
PC3463	3 x10	Letter box plate x hood
PC3491	2½x8	Letter box plate—opening—1⅛"x5"
PC3492	2½x8	Letter box plate x back plate
PC3493	2½x8	Letter box plate x hood
PC3690	.....	Push plates—See No. 3660. Refer to Page No. 170.
PC3890	.....	Door pulls—See No. 3860. Refer to Page No. 175.
PC4390	1½x3½	Flush sash lift

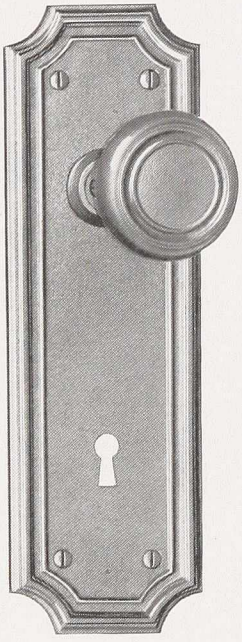
For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

SHELDON DESIGN SYMBOL SD

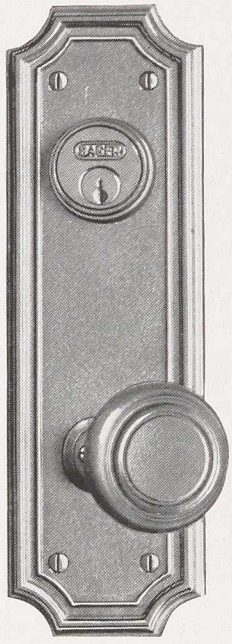
COLONIAL PERIOD
CAST BRONZE OR BRASS



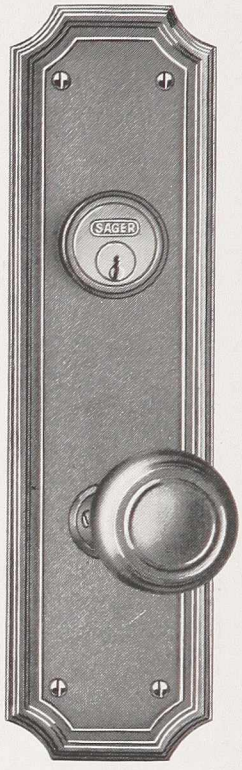
No. 2304 x SD11



No. SD102¼ x SD14



No. SD102¼ x SD16



No. SD102¼ x SD18

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
SD1120	Latch	120	3	SD102¼	SD14	SD14
SD1130	Latch	130	4	SD102¼	SD14	SD14
SD1140	Latch	140	4	SD102¼	SD14	SD14
SDL5240	French door	240	12	SD101¾ x 2304	SD11	SD11
SD1300	Inside door	300	16	SD102¼	SD14	SD14
SD1300¾	Inside door	300¾	16	SD102¼	SD14	SD14
SD1320¾	Inside door	320¾	17	SD102¼	SD14	SD14
SD1370¾	Inside door	370¾	18	SD102¼	SD14	SD14
SD1450	Bathroom door	450	23	SD102¼	SD14	SD14T
SD1452	Communicating door	452	23	SD102¼	SD14T	SD14T
SD1455¾	Bathroom door	455¾	24	SD102¼	SD14	SD14T
SD1480	Bathroom door	480	21	SD102¼	SD14	SD14T
SD1482	Communicating door	482	22	SD102¼	SD14T	SD14T
†SD1670	Cylinder, front door	670	32	SD102¼	SD18	SD14T
†SD1670V	Cylinder, vestibule door	670V	33	SD102¼	SD18	SD14
†SD1670VZ	Cylinder, vestibule door	670V	33	SD102¼	SD16	SD14
†SD1690	Cylinder, front door	690	38	SD102¼	SD18	SD14T
†SD1690V	Cylinder, vestibule door	690V	39	SD102¼	SD18	SD14
†SD1690VZ	Cylinder, vestibule door	690V	39	SD102¼	SD16	SD14
†SD1790	Cylinder, office door	790	42	SD102¼	SD18	SD14

Packed each set in a box, complete with screws.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
For entrance handle sets, refer to Page Nos. 237 and 249.

SHELDON DESIGN SYMBOL SD

COLONIAL PERIOD
CAST BRONZE OR BRASS

No. SD3290

No. SD4390

No. SD4290

No. SD3451
Type No. SD3491

No. SD3690

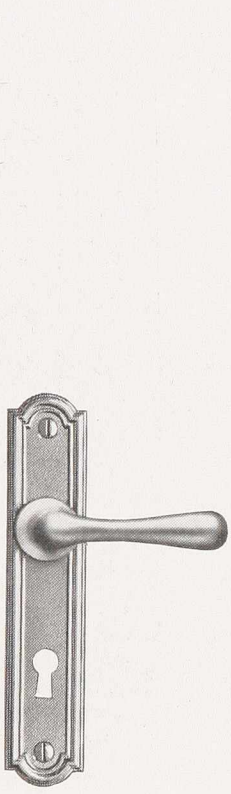
No. SD3890

Number	Size, Inches	Description
SD10	4¾x1¾	Escutcheon
SD11	5¾x1⅛	Escutcheon
SD14	7 x2½	Escutcheon
SD16	9 x2¾	Escutcheon
SD18	11 x3	Escutcheon
SD30	7 x2½	Escutcheon for sliding door locks
SD101¾	1¾	Door knobs, Model "C" spindle mountings
SD102¼	2¼	Door knobs, Model "C" spindle mountings
SD102½	2½	Door knobs, Model "C" spindle mountings
SD1990	2⅛x2⅛	Cylinder plate
SD2090	2⅛x2⅛	Knob rose
SD2490B	2 x1¼	Turn knob on plate, 3/16 inch spindle on diamond
SD2490½B	2 x1¼	Turn knob on plate, 7/32 inch flat spindle
SD2590	2 x1¼	Key escutcheon
SD3290	3¾x1½	Push button
SD3451	3 x11	Letter box plate—opening 1½"x7"
SD3452	3 x11	Letter box plate x back plate
SD3453	3 x11	Letter box plate x hood
SD3491	2½x7⅝	Letter box plate—opening 1"x4¾"
SD3492	2½x7⅝	Letter box plate x back plate
SD3493	2½x7⅝	Letter box plate x hood
SD3690	11 x3	Push plate
SD3690	15 x3	Push plate
SD3690	18 x3½	Push plate
SD3690	20 x4	Push plate
SD3890	11 x3	Door pull x No. 3901 Grip. Refer to Page No. 180.
SD3890	15 x3	Door pull x No. 3903 Grip. Refer to Page No. 180.
SD3890	18 x3½	Door pull x No. 3904 Grip. Refer to Page No. 180.
SD3890	20 x4	Door pull x No. 3904 Grip. Refer to Page No. 180.
SD4290	1½x5¾	Bar sash lift
SD4390	1½x3¾	Flush sash lift

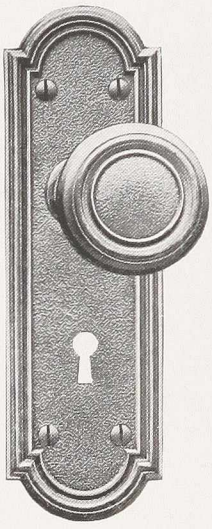
For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

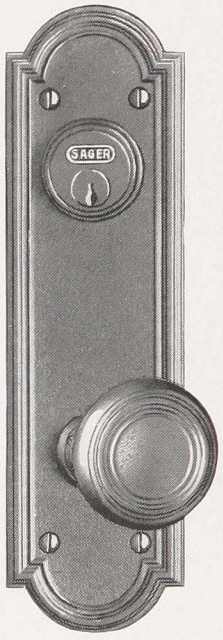
WINDSOR DESIGN SYMBOL WS

COLONIAL PERIOD
CAST BRONZE OR BRASS


No. 2304 x WS11

No. WS30


No. WS102¼ x WS14



No. WS102¼ x WS16

No. WS102¼ x WS18

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
WS1120	Latch	120	3	WS102¼	WS14	WS14
WS1130	Latch	130	4	WS102¼	WS14	WS14
WS1140	Latch	140	4	WS102¼	WS14	WS14
WSL5240	French door	240	12	2141¾ x 2304 Lever	WS11	WS11
WS1300	Inside door	300	16	WS102¼	WS14	WS14
WS1300¾	Inside door	300¾	16	WS102¼	WS14	WS14
WS1320¾	Inside door	320¾	17	WS102¼	WS14	WS14
WS1370¾	Inside door	370¾	18	WS102¼	WS14	WS14
WS1450	Bathroom door	450	23	WS102¼	WS14	WS14T
WS1452	Communicating door	452	23	WS102¼	WS14T	WS14T
WS1455¾	Bathroom door	455¾	24	WS102¼	WS14	WS14T
WS1480	Bathroom door	480	21	WS102¼	WS14	WS14T
WS1482	Communicating door	482	22	WS102¼	WS14T	WS14T
†WS1670	Cylinder, front door	670	32	WS102¼	WS18	WS14T
†WS1670V	Cylinder, vestibule door	670V	33	WS102¼	WS18	WS14T
†WS1670VZ	Cylinder, vestibule door	670V	33	WS102¼	WS16	WS14
†WS1690	Cylinder, front door	690	38	WS102¼	WS18	WS14T
†WS1690V	Cylinder, vestibule door	690V	39	WS102¼	WS18	WS14T
†WS1690VZ	Cylinder, vestibule door	690V	39	WS102¼	WS16	WS14
†WS1790	Cylinder, office door	790	42	WS102¼	WS18	WS14

Packed each set in a box, complete with screws.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
For entrance handle sets, refer to Page Nos. 235 and 249.

WINDSOR DESIGN SYMBOL WS

COLONIAL PERIOD
CAST BRONZE OR BRASS

No. WS4290

No. WS4390

WS3290

No. WS3491
Type of No. WS3451

No. WS2690

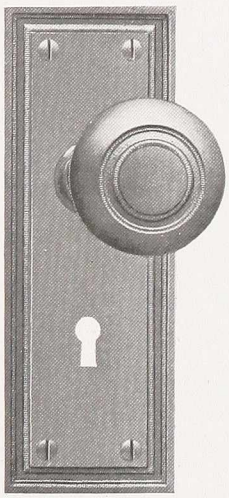
No. WS3890

Number	Size, Inches	Description
WS10	3¾x1	Escutcheons
WS11	5½x1⅛	Escutcheons
WS14	7½x2¼	Escutcheons
WS16	9 x2½	Escutcheons
WS18	11 x3	Escutcheons
WS30	7½x2¼	Escutcheon for sliding door locks
WS102¼	2¼	Door knobs, Model "C" spindle mountings
WS102½	2½	Door knobs, Model "C" spindle mountings
WS3290	4⅜x1½	Push button
WS3451	3 x11	Letter box plate—Opening 1½"x7"
WS3452	3 x11	Letter box plate x back plate
WS3453	3 x11	Letter box plate x hood
WS3491	2¼x8	Letter box plate—Opening 1"x4¾"
WS3492	2¼x8	Letter box plate x back plate
WS3493	2¼x8	Letter box plate x hood
WS3690	11 x3	Push plate
WS3690	16 x3	Push plate
WS3690	18 x3½	Push plate
WS3690	20 x4	Push plate
WS3890	11 x3	Door pull x No. 3901 grip. Refer to Page No. 180.
WS3890	16 x3	Door pull x No. 3903 grip. Refer to Page No. 180.
WS3890	18 x3½	Door pull x No. 3904 grip. Refer to Page No. 180.
WS3890	20 x4	Door pull x No. 3904 grip. Refer to Page No. 180.
WS4290	5¾x1½	Bar sash lift
WS4390	4⅜x1½	Flush sash lift

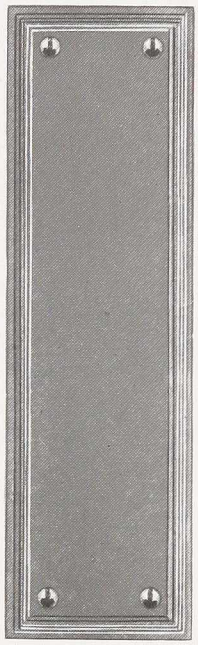
For escutcheons with thumb turns, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

LANGSDALE DESIGN SYMBOL LD

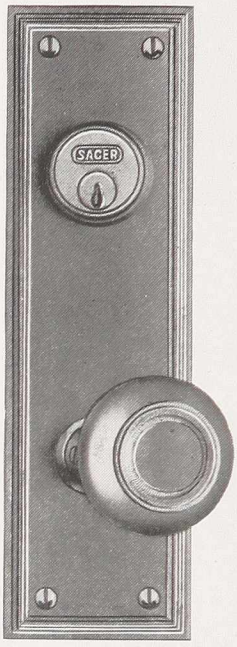
COLONIAL PERIOD
CAST BRONZE OR BRASS



No. LD102¼ x LD14



No. LD3690



No. LD102¼ x LD18

Number	Size, Inches	Description
LD10	4¼x1¾	Escutcheon
LD11	5½x1⅛	Escutcheon
LD14	7 x2½	Escutcheon
LD18	10 x3⅛	Escutcheon
LD30	7 x2½	Escutcheon for sliding door locks
LD101¾	1¾	Door knobs, Model "C" spindle mounting
LD102¼	2¼	Door knobs, Model "C" spindle mounting
LD102½	2½	Door knobs, Model "C" spindle mounting
LD2590	2¼x1⅛	Key escutcheon
LD2490B	2¼x1⅛	Turn knob on plate, 3/16 inch spindle on diamond
LD2490½B	2¼x1⅛	Turn knob on plate, 7/32 inch flat spindle
LD3290	3⅞x1⅜	Push button
LD3690	10 x3⅛	Push plate
LD3690	15⅜x3⅛	Push plate
LD3890	10 x3⅛	Door pull x No. 3901 Grip. Refer to Page No. 180.
LD3890	15⅜x3⅛	Door pull x No. 3903 Grip. Refer to Page No. 180.
LD4290	1⅝x6	Bar sash lift
LD4390	1¾x4¼	Flush sash lift

For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheon only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

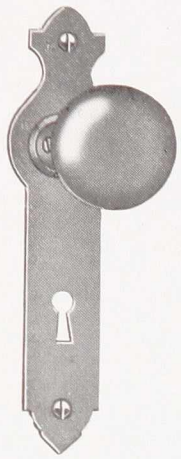
CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
LD1120	Latch	120	3	LD102¼	LD14	LD14
LD1300	Inside door	300	16	LD102¼	LD14	LD14
LD1480	Bathroom door	480	21	LD102¼	LD14	LD14T
LD1482	Communicating door	482	22	LD102¼	LD14T	LD14T
†**LD1670**	Cylinder, front door	670	32	LD102¼	LD18	LD14T
†**LD1670V**	Cylinder, vestibule door	670V	33	LD102¼	LD18	LD14

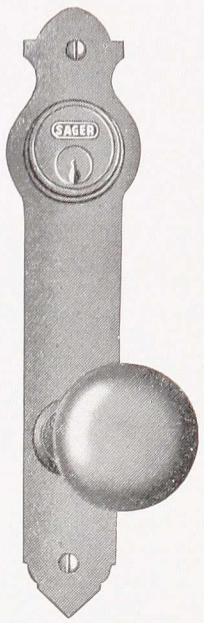
Packed each set in a box, complete with screws.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

VICTORIA DESIGN SYMBOL VT

COLONIAL PERIOD
CAST BRONZE OR BRASS



No. VT101¾ x VT14



No. VT102 x VT18

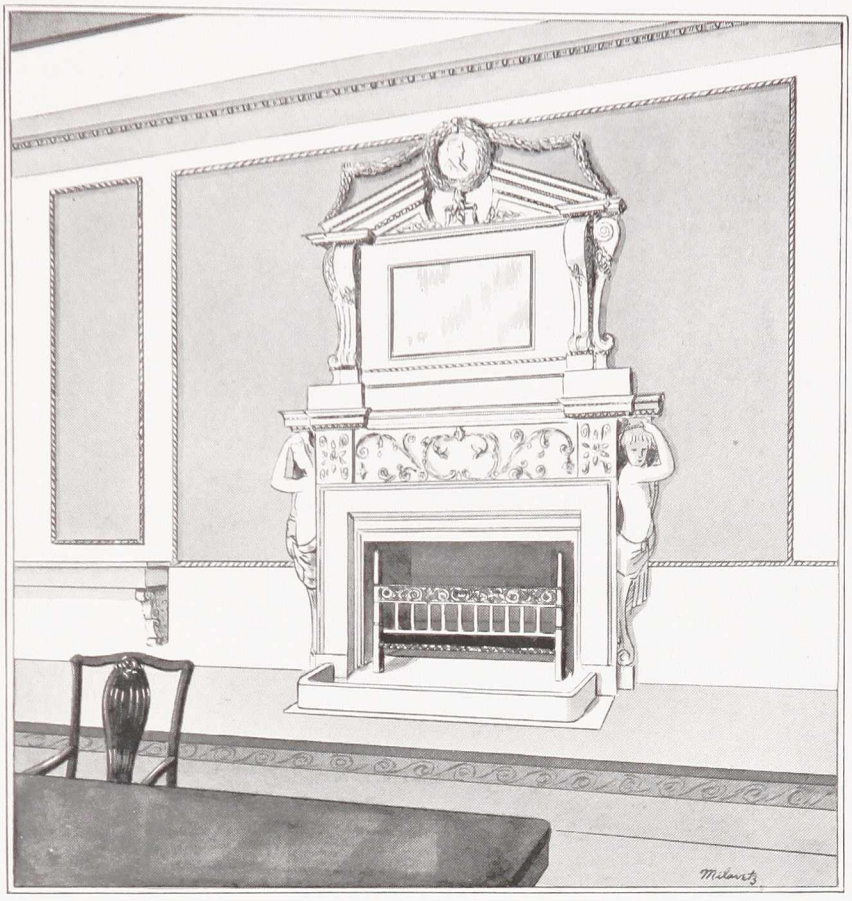
Number	Size, Inches	Description
VT14	6½x1¾	Escutcheon
VT18	8¾x2	Escutcheon
VT101¾	1¾	Door knob, wrought top, cast shank, Model "C" spindle mountings
VT102	2	Door knob, wrought top, cast shank, Model "C" spindle mountings

For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
VT3120	Latch	120	3	VT102	VT14	VT14
VT5120	Latch	120	3	VT101¾	VT14	VT14
VT3300	Inside door	300	16	VT102	VT14	VT14
VT5300	Inside door	300	16	VT101¾	VT14	VT14
VT3300¾	Inside door	300¾	16	VT102	VT14	VT14
VT5300¾	Inside door	300¾	16	VT101¾	VT14	VT14
VT3480	Bathroom door	480	21	VT102	VT14	VT14T
VT5480	Bathroom door	480	21	VT101¾	VT14	VT14T
VT3482	Communicating door	482	22	VT102	VT14T	VT14T
VT5482	Communicating door	482	22	VT101¾	VT14T	VT14T
VT3670	Cylinder, front door	670	32	VT102	VT18	VT14T
VT5670	Cylinder, front door	670	32	VT101¾	VT18	VT14T
VT3670V	Cylinder, vestibule door	670V	33	VT102	VT18	VT14
VT5670V	Cylinder, vestibule door	670V	33	VT101¾	VT18	VT14

Packed each set in a box, complete with screws.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

[FUTURE DESIGNS]



Early English

Early English covers a period of transition when Gothic forms gave way to those of the Renaissance, a change that occurred more slowly in England than in other countries, and covered the 16th century, prevailing mainly in the reign of Elizabeth, 1558-1603. Known first as Tudor and later as Elizabethan, the style betrays in its mixture of Gothic and Classic forms great incongruities and even monstrosities, but towards the end developed definite characteristics and became a great style. Heavily chimneyed and gabled red brick buildings, with their large windows divided by mullions and transoms, enclose their characteristic great halls with their fine plastered ceilings. The period was noted for the grotesque application of orders and ornament, pierced scrollwork, strapwork and roughly formed figures. Wide oak stairs with carved balustrades and ornamented newels, wainscotted rooms and magnificent chimney pieces, full of vigor and life, are essentially English features.

The most prominent architect of the Early English Renaissance was Inigo Jones, 1572-1652, a man of great taste and genius, who became well versed in the Classics by study in Italy.

WYRE DESIGN SYMBOL WE

EARLY ENGLISH PERIOD
CAST BRONZE OR BRASS

No. WE102¼ x WE14

No. WE3690

No. WE102¼ x WE18

Number	Size, Inches	Description
WE10	5½x2⅝	Escutcheon
WE14	6½x2¼	Escutcheon
WE16	8½x2⅝	Escutcheon
WE18	12¼x3⅜	Escutcheon
WE30	8½x2¾	Escutcheon for sliding door locks
WE102¼	2¼	Door knobs, Model "C" spindle mountings
WE102½	2½	Door knobs, Model "C" spindle mountings
WE3690	12¼x3⅜	Push plate
WE3890	12¼x3⅜	Door pull x No. 3906 Grip. Refer to Page No. 180.

For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
WE1120	Latch	120	3	WE102¼	WE14	WE14
WE1300	Inside door	300	16	WE102¼	WE14	WE14
WE1480	Bathroom door	480	21	WE102¼	WE14	WE14T
WE1482	Communicating door	482	22	WE102¼	WE14T	WE14T
†WE1670	Cylinder, front door	670	32	WE102¼	WE18	WE14T
†WE1670V	Cylinder, vestibule door	670V	33	WE102¼	WE18	WE14
†WE1670VZ	Cylinder, vestibule door	670V	33	WE102¼	WE16	WE14

Packed each set in a box, complete with screws.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

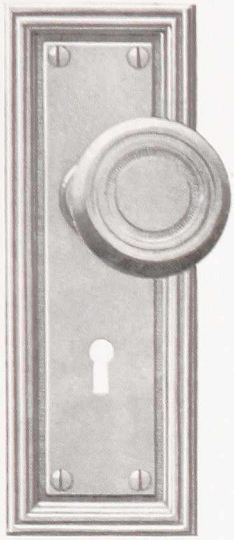
[FUTURE DESIGNS]

Georgian

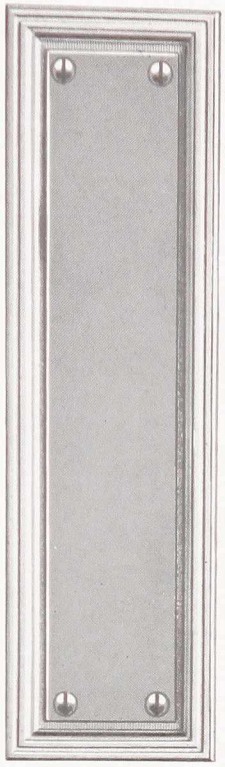
Traditional Georgian architecture may be considered as belonging to that period of the English Renaissance embraced by the eighteenth century, encompassing the reigns of George I, beginning 1714; George II, 1727; and George III, 1760. Following the brilliant career of Sir Christopher Wren, the builder of St. Paul's Cathedral, who died in 1723, the English Renaissance produced many great structures such as Somerset House, London, many great homes such as Blenheim Palace, and innumerable smaller ones, and it is largely from these smaller homes that the term Georgian, as it is commonly understood in architecture, was taken. After many experiments with and different interpretations of the style, it gradually became settled and achieved a continuing tradition, wherein a wealth of variety in design, a sense of order and proportion were maintained without loss of spontaneity. This style was carried overseas to the Colonies and became rooted in America to produce such famous examples as "Westover" on the James River near Richmond, the Palace of the Governors and other recently restored buildings at Old Williamsburg, Virginia.

OLDHAM DESIGN SYMBOL OH

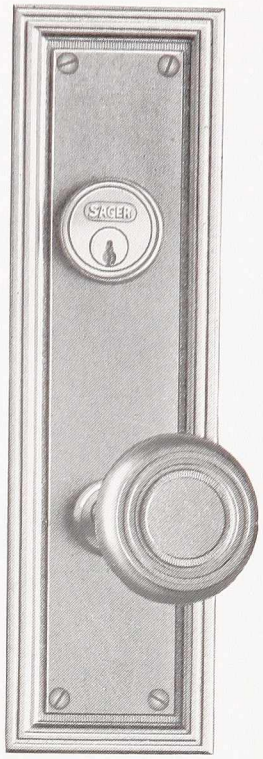
GEORGIAN PERIOD
CAST BRONZE OR BRASS



No. OH102¼ x OH14



No. OH3690



No. OH102¼ x OH18

Number	Size, Inches	Description
OH10	5 x1¼	Escutcheon
OH11	6 x1⅛	Escutcheon
OH14	7⅝x2⅝	Escutcheon
OH16	8½x3	Escutcheon
OH18	10½x3	Escutcheon
OH30	7⅝x2⅝	Escutcheon for sliding door locks
OH101¾	1¾	Door knobs, Model "C" spindle mountings
OH102¼	2¼	Door knobs, Model "C" spindle mountings
OH102½	2½	Door knobs, Model "C" spindle mountings
OH2090	2½x2½	Knob rose
OH2490B	2¼x1¼	Turn knob on plate, 3/16 inch spindle on diamond
OH2490½B	2¼x1¼	Turn knob on plate, 7/32 inch flat spindle
OH2590	2¼x1¼	Key escutcheon
OH3290	3¾x1½	Push button
OH3690	10½x3	Push plate
OH3690	18 x3½	Push plate
OH3890	10½x3	Door pull x No. 3901 Grip. Refer to Page No. 180.
OH3890	18 x3½	Door pull x No. 3904 Grip. Refer to Page No. 180.
OH4290	1½x5½	Bar sash lift
OH4390	1½x3¾	Flush sash lift

For escutcheons with turn knobs, suffix Letter "T" to number. When ordering escutcheons only, specify lock with which they are to be used. Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

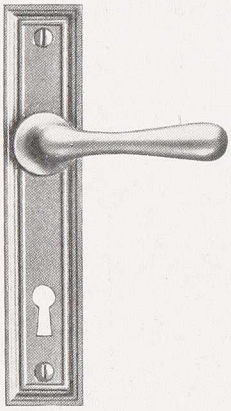
Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
OH1120	Latch	120	3	OH102¼	OH14	OH14
OH1300	Inside door	300	16	OH102¼	OH14	OH14
OH1480	Bathroom door	480	21	OH102¼	OH14	OH14T
OH1482	Communicating door	482	22	OH102¼	OH14T	OH14T
†OH1670	Cylinder, front door	670	32	OH102¼	OH18	OH14T
†OH1670V	Cylinder, vestibule door	670V	33	OH102¼	OH18	OH14
†OH1670VZ	Cylinder, vestibule door	670V	33	OH102¼	OH16	OH14

Packed each set in a box, complete with screws. †Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

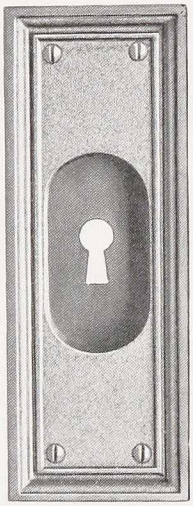
ESSEX DESIGN SYMBOL EX

GEORGIAN PERIOD

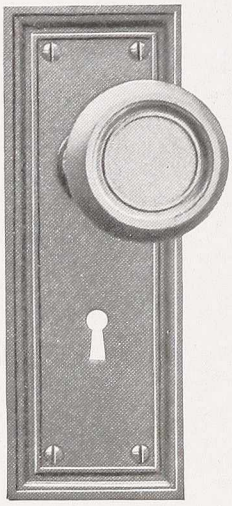
CAST BRONZE OR BRASS



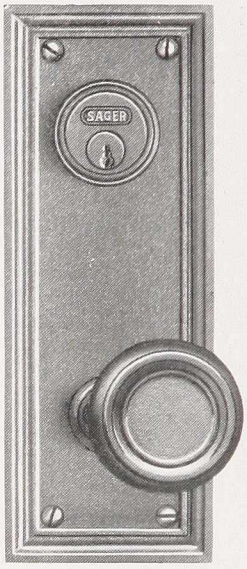
No. 2304 x EX11



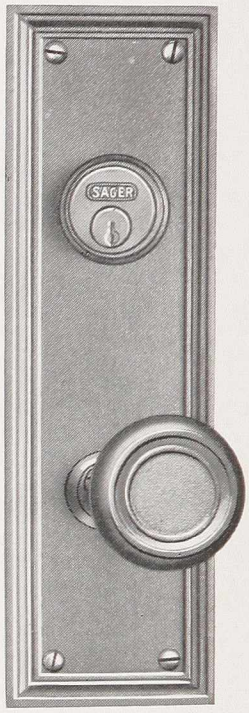
No. EX30



No. EX102¼ x EX14



No. EX102¼ x SW16



No. EX102¼ x EX18

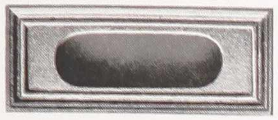
CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
EX1120	Latch	120	3	EX102¼	EX14	EX14
EX1130	Latch	130	4	EX102¼	EX14	EX14
EX1140	Latch	140	4	EX102¼	EX14	EX14
EXL5240	French door	240	12	EX101¾ x 2304 Lever	EX11	EX11
EX1300	Inside door	300	16	EX102¼	EX14	EX14
EX1300¾	Inside door	300¾	16	EX102¼	EX14	EX14
EX1320¾	Inside door	320¾	17	EX102¼	EX14	EX14
EX1370¾	Inside door	370¾	18	EX102¼	EX14	EX14
EX1450	Bathroom door	450	23	EX102¼	EX14	EX14T
EX1452	Communicating door	452	23	EX102¼	EX14T	EX14T
EX1455¾	Bathroom door	455¾	24	EX102¼	EX14	EX14T
EX1480	Bathroom door	480	21	EX102¼	EX14	EX14T
EX1482	Communicating door	482	22	EX102¼	EX14T	EX14T
†**EX1670**	Cylinder, front door	670	32	EX102¼	EX18	EX14T
†**EX1670V**	Cylinder, vestibule door	670V	33	EX102¼	EX18	EX14
†**EX1670VZ**	Cylinder, vestibule door	670V	33	EX102¼	EX16	EX14
†**EX1690**	Cylinder, front door	690	38	EX102¼	EX18	EX14T
†**EX1690V**	Cylinder, vestibule door	690V	39	EX102¼	EX18	EX14
†**EX1690VZ**	Cylinder, vestibule door	690V	39	EX102¼	EX16	EX14
†**EX1790**	Cylinder, office door	790	42	EX102¼	EX18	EX14

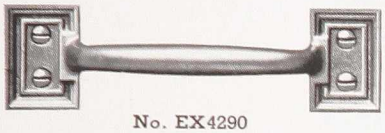
Packed each set in a box, complete with screws.
†Specify thickness of door.
For entrance handle sets, refer to Page Nos. 237 and 249.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

ESSEX DESIGN SYMBOL EX

GEORGIAN PERIOD
CAST BRONZE OR BRASS

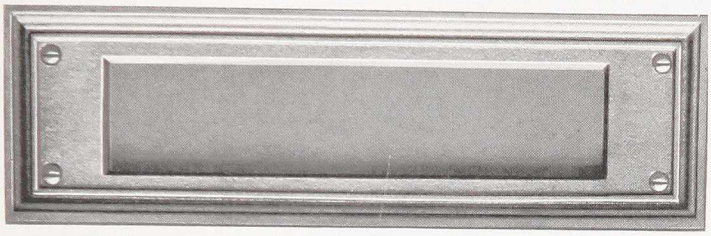


No. EX4390



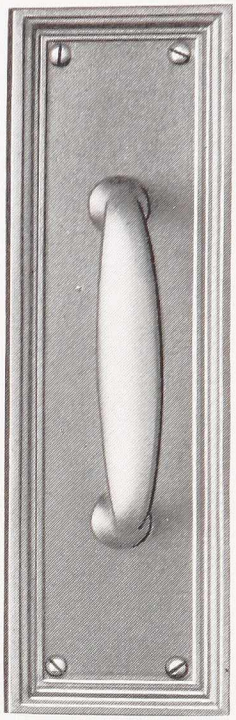
No. EX4290

No. EX3290



No. EX3491
Type of No. EX3451

No. EX3690



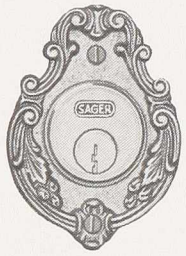
No. EX3890

Number	Size, Inches	Description
EX10	4¾x1¾	Escutcheons
EX11	5¾x1⅛	Escutcheons
EX14	7 x2¼	Escutcheons
EX16	8 x2½	Escutcheons
EX18	10 x3	Escutcheons
EX30	7 x2½	Escutcheons for sliding door locks
EX101¾	1¾	Door knobs, Model "C" spindle mountings
EX102¼	2¼	Door knobs, Model "C" spindle mountings
EX102½	2½	Door knobs, Model "C" spindle mountings
EX2490B	2 x1¼	Turn knob on plate, 3/16 inch spindle on diamond
EX2490½B	2 x1¼	Turn knob on plate, 7/32 inch spindle flat
EX2590	2 x1¼	Key escutcheon
EX3290	3¾x1½	Push button
EX3451	3 x10	Letter box plate—opening 1½"x7"
EX3452	3 x10	Letter box plate x back plate
EX3453	3 x10	Letter box plate x hood
EX3491	2½x7	Letter box plate—opening 1"x4¾"
EX3492	2½x7	Letter box plate x back plate
EX3493	2½x7	Letter box plate x hood
EX3690	10 x3	Push plate
EX3690	12 x3	Push plate
EX3690	15 x3	Push plate
EX3690	18 x3½	Push plate
EX3890	10 x3	Door pull x No. 3901 Grip. Refer to Page No. 180.
EX3890	12 x3	Door pull x No. 3902 Grip. Refer to Page No. 180.
EX3890	15 x3	Door pull x No. 3903 Grip. Refer to Page No. 180.
EX3890	18 x3½	Door pull x No. 3904 Grip. Refer to Page No. 180.
EX4290	1½x5⅛	Bar sash lift
EX4390	1½x3¾	Flush sash lift

For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

VERNON DESIGN SYMBOL VN

GEORGIAN PERIOD
CAST BRONZE OR BRASS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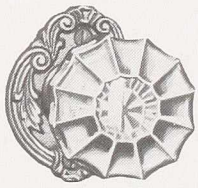
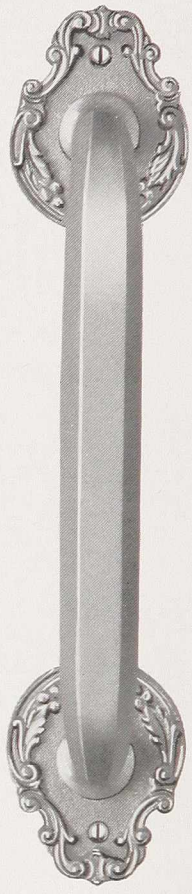

No. JF2202 x VN2090

No. VN4092

No. VN3290


No. VN3890

No. VN102 x VN2090

No. VN2590

No. VN2490B
Type No. VN2490 ½B

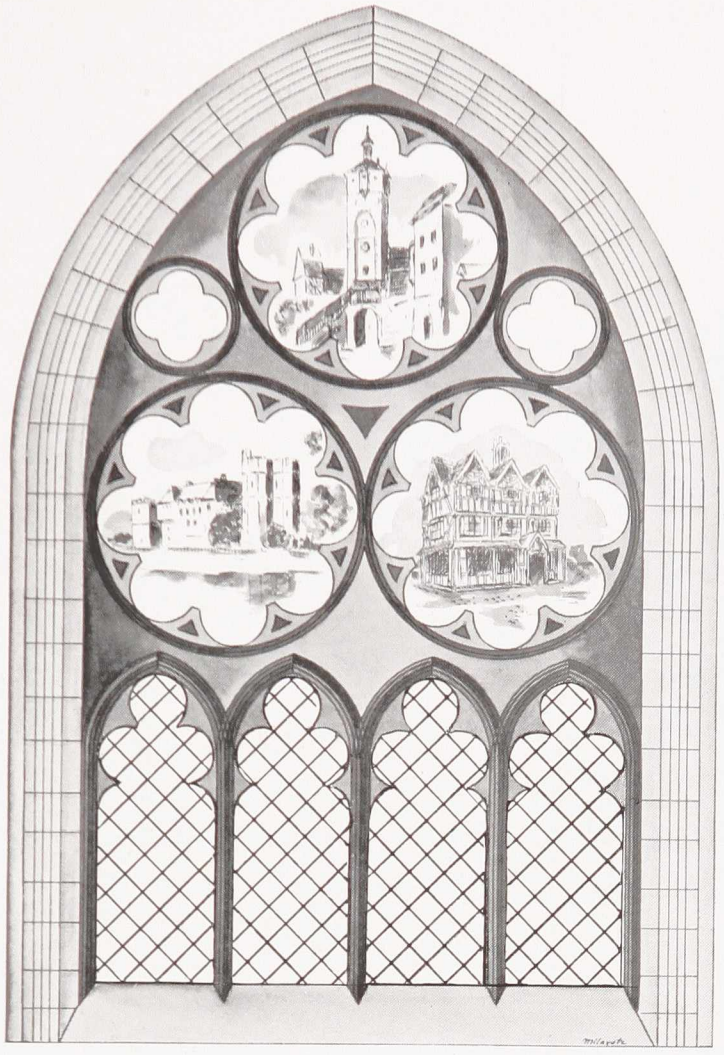
Number	Size, Inches	Description
VN102	2	Door knobs, Model "C" spindle mountings
JF2202	2	Door knobs—glass. Refer to Page No. 123.
VN1991	3⅜x2½	Cylinder plate
VN2090	2½x2	Knob rose
VN2490B	2 x1 5/16	Turn knob on plate, 3/16 inch spindle on diamond
VN2490½B	2 x1 5/16	Turn knob on plate, 7/32 inch flat spindle
VN2590	2 x1 5/16	Key escutcheon
VN3290	2½x2	Push button
VN3890	11½x2	Door pull x No. 3905B Grip. Refer to Page No. 180.
VN4092	6⅜x2½	Door knocker

Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
VN3120	Latch	120	3	VN102	VN2090	None
VN3300	Inside door	300	13	VN102	VN2090	VN2590
VNJF3300	Inside door	300	13	JF2202	VN2090	VN2590
VN3480	Bathroom door	480	18	VN102	VN2090	VN2590 x VN2490B
VN3482	Communicating door	482	19	VN102	VN2090	VN2490B
†VN3670	Cylinder, front door	670	34	VN102	VN2090	VN1990 x VN2490B
†VN3670V	Cylinder, vestibule door	670V	35	VN102	VN2090	VN1990

Packed each set in a box, complete with screws.
†Specify thickness of door.
For entrance handle sets, refer to Page No. 234.
Specify Number and Finish. Refer to Page No. 32A for description of finish.



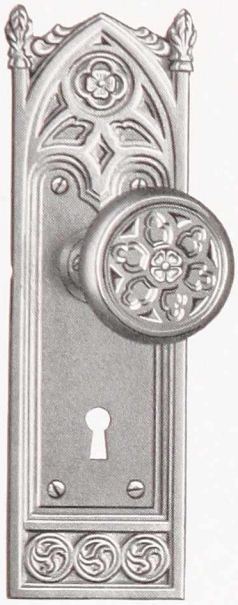
Gothic

English · German · Tudor

Perhaps the first ray of light given to the Dark Ages came from Charlemagne in the 8th. century, but it was not until the 11th. century, the age of the first crusade, that great religious activity gave birth to the construction of ecclesiastical buildings throughout Europe. The style known as Gothic progressed continuously to the 16th. century, when it seemed to have reached the limits of its possibilities. The vaulted ceilings, the pointed arches of mullioned, traceried and cusped windows and magnificent portals, are among the principal characteristics of the style. Gothic was vivacious, always seeking thinner and lighter construction. It attained stability through a balanced counterpoise of pressures from vaultings, arches and trusses arranged to counteract each other or to be resisted by weight of wall or buttress. Stones no larger than two men could lift, fixed the scale of the work and religious enthusiasm induced men to devote their lives to the glory of its carvings and embellishments.

CASTLETOWN DESIGN SYMBOL CN

ENGLISH GOTHIC PERIOD
CAST BRONZE OR BRASS



No. CN102¼ x CN14

No. CN102¼ x CN18

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
CN1120	Latch	120	3	CN102¼	CN14	CN14
CN1130	Latch	130	4	CN102¼	CN14	CN14
CN1140	Latch	140	4	CN102¼	CN14	CN14
CN1300	Inside door	300	16	CN102¼	CN14	CN14
CN1300¾	Inside door	300¾	16	CN102¼	CN14	CN14
CN1320¾	Inside door	320¾	17	CN102¼	CN14	CN14
CN1370¾	Inside door	370¾	18	CN102¼	CN14	CN14
CN1450	Bathroom door	450	23	CN102¼	CN14	CN14T
CN1452	Communicating door	452	23	CN102¼	CN14T	CN14T
CN1480	Bathroom door	480	21	CN102¼	CN14	CN14T
CN1482	Communicating door	482	22	CN102¼	CN14T	CN14T
†**CN1670**	Cylinder, front door	670	32	CN102¼	CN18	CN14T
†**CN1670V**	Cylinder, vestibule door	670V	32	CN102¼	CN18	CN14
†**CN1690**	Cylinder, front door	690	38	CN102¼	CN18	CN14T
†**CN1690V**	Cylinder, vestibule door	690V	39	CN102¼	CN18	CN14
†**CN1790**	Cylinder, office door	790	42	CN102¼	CN18	CN14

Packed each set in a box, complete with screws.
For entrance handle set, refer to Page No. 250.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

[FUTURE DESIGNS]

CASTLETOWN DESIGN SYMBOL CN

No. CN3690

ENGLISH GOTHIC PERIOD
CAST BRONZE OR BRASS

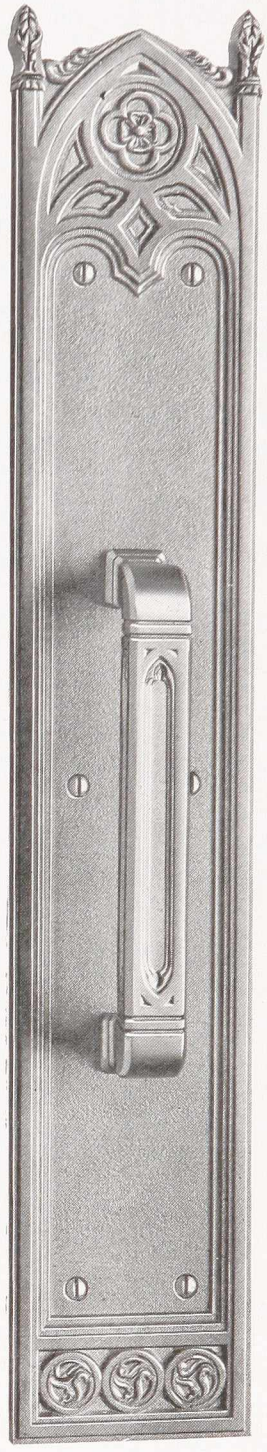
Number	Size, In.	Description
CN10	4 1/2 x 1 3/4	Escutcheons
CN14	8 5/8 x 2 3/4	Escutcheons
CN18	12 x 3	Escutcheons
CN30	8 1/2 x 2 1/2	Escutcheons for sliding door lock
CN102 1/4	2 1/4	Door knobs, Model "C" spindle mounting
CN102 1/2	2 1/2	Door knobs, Model "C" spindle mounting
CN2090	2 1/4	Knob rose round
CN2490B	2 1/8 x 1 1/8	Turn knob on plate, 3/16 inch spindle on diamond
CN2490 1/2 B	2 1/8 x 1 1/8	Turn knob on plate, 7/32 inch flat spindle
CN2590	2 1/8 x 1 1/8	Key plate
CN3290	4 1/2 x 1 3/4	Push button
CN3690	12 x 3	Push plate
CN3690	20 3/4 x 3 5/8	Push plate
CN3890	12 x 3	Door pull by No. 3925 Grip. Refer to Page No. 185.
CN3890	20 3/4 x 3 5/8	Door pull by No. 3925A Grip. Refer to Page No. 185.
CN4290	1 1/3 x 5 1/4	Bar sash lift
CN4390	1 5/8 x 3 3/4	Flush sash lift

Packed

For Escutcheons with turn knob, suffix Letter "T" to number.

When ordering escutcheons only, specify lock with which they are to be used.

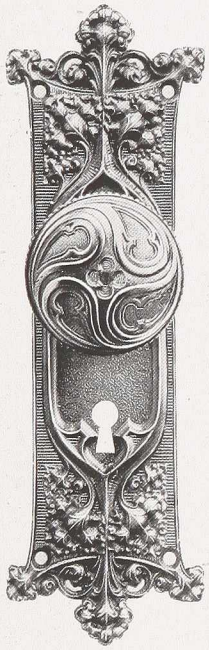
Specify Number and Finish. Refer to Page No. 32A for description of finish.



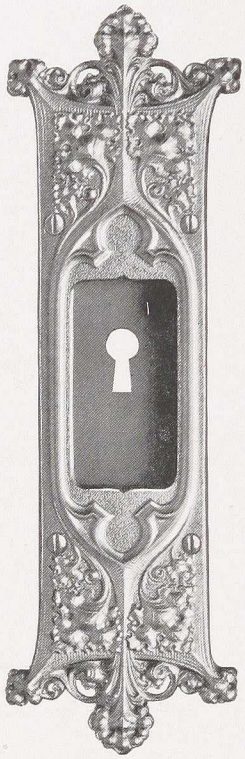
No. CN3890

BRANDENBURG DESIGN SYMBOL BB

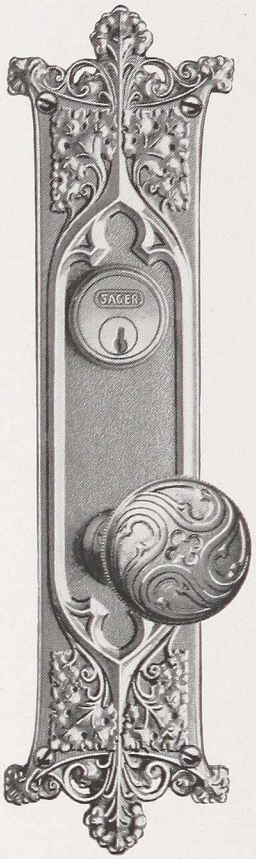
GERMAN GOTHIC PERIOD
CAST BRONZE OR BRASS



No. BB102¼ x BB14



No. BB30



No. BB102¼ x BB18

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
BB1120	Latch	120	3	BB102¼	BB14	BB14
BB1130	Latch	130	4	BB102¼	BB14	BB14
BB1140	Latch	140	4	BB102¼	BB14	BB14
BBL5240	French door	240	12	BB101¾ x 2304 Lever	BB11	BB11
BB1300	Inside door	300	16	BB102¼	BB14	BB14
BB1300¾	Inside door	300¾	16	BB102¼	BB14	BB14
BB1320¾	Inside door	320¾	17	BB102¼	BB14	BB14
BB1370¾	Inside door	370¾	18	BB102¼	BB15	BB15
BB1450	Bathroom door	450	23	BB102¼	BB15	BB14T
BB1452	Communicating door	452	23	BB102¼	BB15T	BB15T
BB1455¾	Bathroom door	455¾	24	BB102¼	BB16	BB16T
BB1480	Bathroom door	480	21	BB102¼	BB15	BB14T
BB1482	Communicating door	482	22	BB102¼	BB15	BB15T
†**BB1670**	Cylinder, front door	670	32	BB102¼	BB18	BB15T
†**BB1670V**	Cylinder, vestibule door	670V	33	BB102¼	BB18	BB15
†**BB1690**	Cylinder, front door	690	38	BB102¼	BB18	BB18T
†**BB1690V**	Cylinder, vestibule door	690V	39	BB102¼	BB18	BB18
†**BB1790**	Cylinder, office door	790	42	BB102¼	BB18	BB15

Packed each in a box, complete with screws.
For entrance handle set, refer to Page No. 250.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

BRANDENBURG DESIGN

SYMBOL BB

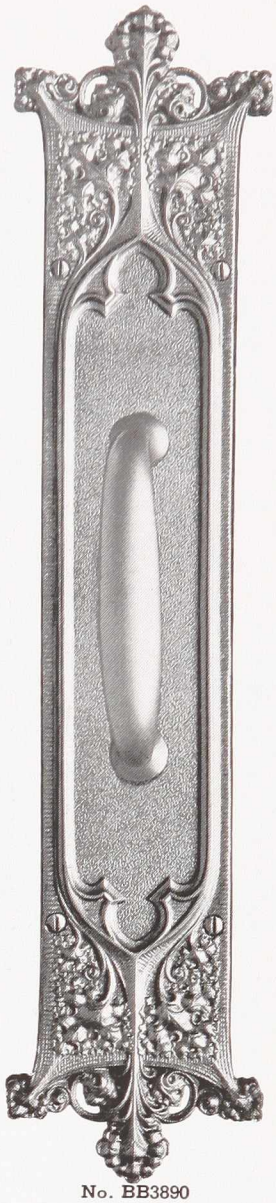
GERMAN GOTHIC PERIOD

CAST BRONZE OR BRASS

No. BB4390

No. BB4290

No. BB3690



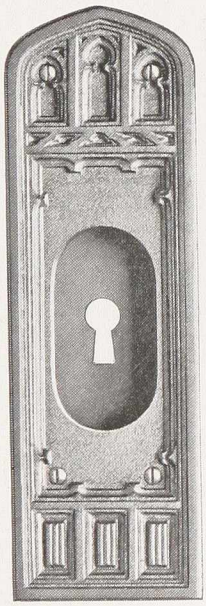
No. BB3890

Number	Size, Inches	Description
BB11	5¾x1⅛	Escutcheon
BB14	9 x2⅞	Escutcheon
BB15	10¼x2⅞	Escutcheon
BB16	12 x3¼	Escutcheon
BB18	14 x3¼	Escutcheon
BB29	8 x2⅞	Escutcheon for sliding door locks
BB30	10½x3¼	Escutcheon for sliding door locks
BB101¾	1¾	Door knobs, Model "C" spindle mountings
BB102¼	2¼	Door knobs, Model "C" spindle mountings
BB102½	2½	Door knobs, Model "C" spindle mountings
BB3290	4 x1⅛	Push button
BB3451	3¼x14	Letter box plate—opening 1½"x7"
BB3452	3¼x14	Letter box plate x back plate
BB3453	3¼x14	Letter box plate x hood
BB3690	12 x3¼	Push plate
BB3690	14 x3¼	Push plate
BB3690	17¾x3¾	Push plate
BB3690	22 x3¾	Push plate
BB3690	24 x4	Push plate
BB3890	12 x3¼	Door pull x No. 3901 Grip. Refer to Page No. 180.
BB3890	14 x3¼	Door pull x No. 3902 Grip. Refer to Page No. 180.
BB3890	17¾x3¾	Door pull x No. 3903 Grip. Refer to Page No. 180.
BB3890	22 x3¾	Door pull x No. 3903 Grip. Refer to Page No. 180.
BB3890	24 x4	Door pull x No. 3904 Grip. Refer to Page No. 180.
BB4290	1⅞x6½	Bar sash lift
BB4390	1⅞x5½	Flush sash lift

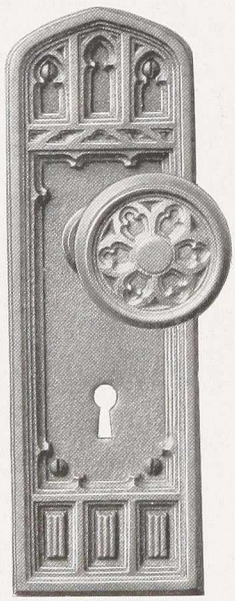
For escutcheons with turn knobs, suffix Letter "T" to number. When ordering escutcheons only, specify lock with which they are to be used. Specify Number and Finish. Refer to Page No. 32A for description of finish.

DARTMOOR DESIGN SYMBOL DM

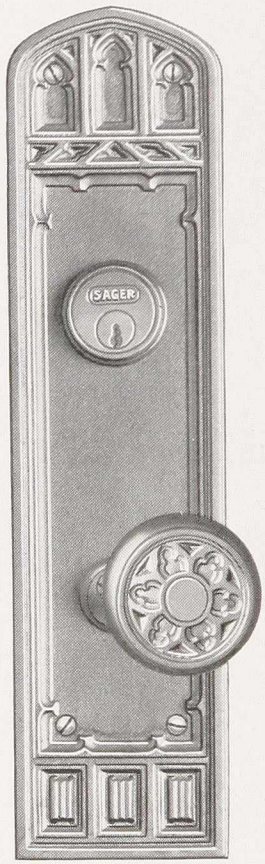
TUDOR GOTHIC PERIOD
CAST BRONZE OR BRASS



No. DM30



No. DM102¼ x DM14



No. DM102¼ x DM16

No. DM102¼ x DM18

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
DM1120	Latch	120	3	DM102¼	DM14	DM14
DM1130	Latch	130	4	DM102¼	DM14	DM14
DM1140	Latch	140	4	DM102¼	DM14	DM14
DM1300	Inside door	300	16	DM102¼	DM14	DM14
DM1300¾	Inside door	300¾	16	DM102¼	DM14	DM14
DM1320¾	Inside door	320¾	17	DM102¼	DM14	DM14
DM1370¾	Inside door	370¾	18	DM102¼	DM14	DM14
DM1450	Bathroom door	450	23	DM102¼	DM14	DM14T
DM1452	Communicating door	452	23	DM102¼	DM14T	DM14T
DM1480	Bathroom door	480	21	DM102¼	DM14	DM14T
DM1482	Communicating door	482	22	DM102¼	DM14T	DM14T
†**DM1670**	Cylinder, front door	670	32	DM102¼	DM18	DM14T
†**DM1670V**	Cylinder, vestibule door	670V	33	DM102¼	DM18	DM14
†**DM1690**	Cylinder, front door	690	38	DM102¼	DM18	DM14T
†**DM1690V**	Cylinder, vestibule door	690V	39	DM102¼	DM18	DM14
†**DM1790**	Cylinder, office door	790	42	DM102¼	DM18	DM14

Packed each set in a box, complete with screws. For entrance handle set, refer to Page No. 250.
†Specify thickness of door. Specify Number and Finish. Refer to Page No. 32A for description of finish.

DARTMOOR DESIGN

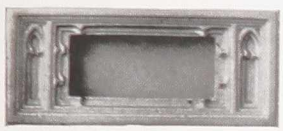
SYMBOL DM

TUDOR GOTHIC PERIOD

CAST BRONZE OR BRASS

No. DM2590

No. DM3290



No. DM4390

No. DM4290

No. DM3690

No. DM3890

Number	Size, Inches	Description
DM10	4¼x1⅝	Escutcheons
DM11	6 x1⅝	Escutcheons
DM14	8¼x2¾	Escutcheons
DM16	10 x3	Escutcheons
DM18	12 x3	Escutcheons
DM30	8¼x2¾	Escutcheons for sliding door locks
DM102¼	2¼	Door knobs, Model "C" spindle mountings
DM102½	2½	Door knobs, Model "C" spindle mountings
DM2090	2¼	Knob rose—Round
DM2490B	2⅛x1⅛	Turn knob on plate, 3/16 inch spindle on diamond
DM2490½B	2⅛x1⅛	Turn knob on plate 7/32 inch flat spindle
DM2590	2⅛x1⅛	Key escutcheon
DM3290	4¼x1⅝	Push button
DM3451	12 x3	*Letter box plate—opening 7"x1½"
DM3452	12 x3	*Letter box plate x back plate
DM3453	12 x3	*Letter box plate x hood
DM3491	9⅞x3	*Letter box plate—opening 4⅞"x1⅛"
DM3492	9⅞x3	*Letter box plate x back plate
DM3493	9⅞x3	*Letter box plate x hood
DM3690	12 x3	Push plate
DM3690	14½x3½	Push plate
DM3690	17 x3½	Push plate
DM3690	19½x4	Push plate
DM3690	24 x4	Push plate
DM3890	12 x3	Door pull x No. 3925 Grip. Refer to Page No. 185.
DM3890	14½x3½	Door pull x No. 3925 Grip. Refer to Page No. 185.
DM3890	17 x3½	Door pull x No. 3925A Grip. Refer to Page No. 185.
DM3890	19½x4	Door pull x No. 3925A Grip. Refer to Page No. 185.
DM3890	24 x4	Door pull x No. 3925A Grip. Refer to Page No. 185.
DM4290	1½x5¼	Bar sash lift
DM4390	1⅝x3¾	Flush sash lift

*All letter box plates are placed on hinge side of door in vertical position. For escutcheons with thumb turns, suffix Letter "T" to number. When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

[FUTURE DESIGNS]

GREEK

From about 600 B.C. the culture of Greece progressed greatly and culminated in the Golden Age of Pericles, an era named after its most famous architect. In the year 435 B.C. of this age the Parthenon, perhaps the world's most famous building, was completed at Athens. The Greeks perfected the Doric, Ionic and Corinthian orders of architecture, used for all time as examples of perfect proportion. They built with simplicity, rhythm and repose. They excelled in aesthetic values and they corrected optical illusions with extraordinary refinement. Their principal buildings were temples, monuments and open air theatres. Based upon a love of games and the development and study of the human form, their sculpture and ornament attained a perfection not since excelled. In their ornament, which was always restrained and executed with perfect precision and in exquisite taste, the Greeks used the fret or meander, egg and tongue and beaded moldings, bay and laurel leaves, and, above all, the acanthus leaf. Much of this ornament was painted, although little of the paint has resisted the exposure of the centuries.

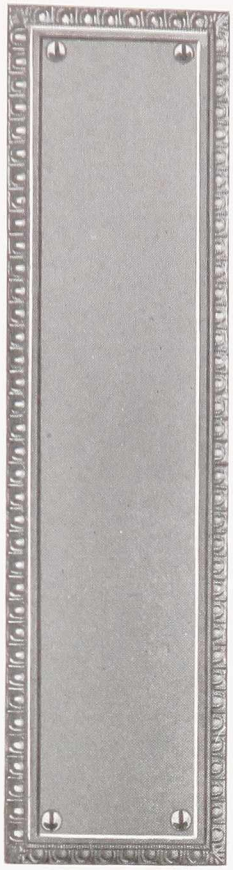
SAMOS DESIGN

SYMBOL SM

GREEK PERIOD

CAST BRONZE OR BRASS

No. SM102¼ x SM14



No. SM3690

No. SM102¼ x SM18

Number	Size, Inches	Description
SM10	4½x1 ¼	Escutcheon
SM11	6 x1 ⅛	Escutcheon
SM14	6⅝x2 ¼	Escutcheon
SM16	8¼x2⅞	Escutcheon
SM18	12 x3⅛	Escutcheon
SM30	6¾x2½	Escutcheon for sliding door locks
SM101¾	1¾	Door knobs, Model "C" spindle mounting
SM102¼	2¼	Door knobs, Model "C" spindle mounting
SM102½	2½	Door knobs, Model "C" spindle mounting
SM2490B	2¼x1 ¼	Turn knob on plate, 3/16 inch spindle on diamond
SM2490½B	2¼x1 ¼	Turn knob on plate, 7/32 inch flat spindle
SM2590	2¼x1 ¼	Key escutcheon
SM3290	3⅛x1 ⅛	Push button
SM3690	12 x3⅛	Push plate
SM3690	16 x3½	Push plate
SM3690	20 x3½	Push plate
SM3690	20 x4	Push plate
SM3890	12 x3⅛	Door pull x No. 3901 Grip. Refer to Page No. 180.
SM3890	16 x3½	Door pull x No. 3903 Grip. Refer to Page No. 180.
SM3890	20 x3½	Door pull x No. 3904 Grip. Refer to Page No. 180.
SM3890	20 x4	Door pull x No. 3904 Grip. Refer to Page No. 180.
SM4290	1⅝x5¼	Bar sash lift
SM4390	1⅞x4⅛	Flush sash lift
SM6090	1¼	Drawer pull

For escutcheons with turn knobs, suffix Letter "T" to number. When ordering escutcheons only, specify lock with which they are to be used. Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

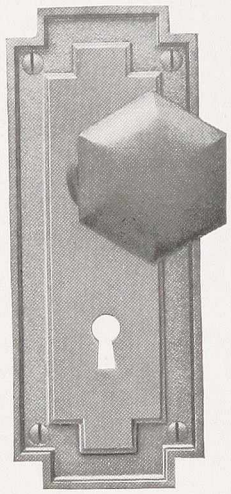
Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
SM1120	Latch	120	3	SM102¼	SM14	SM14
SM1300	Inside door	300	16	SM102¼	SM14	SM14
SM1480	Bathroom door	480	21	SM102¼	SM14	SM14T
SM1482	Communicating door	482	22	SM102¼	SM14T	SM14T
†SM1670	Cylinder, front door	670	32	SM102¼	SM18	SM14T
†SM1670V	Cylinder, vestibule door	670V	33	SM102¼	SM18	SM14
†SM1670VZ	Cylinder, vestibule door	670V	33	SM102¼	SM16	SM14

Packed each set in a box, complete with screws. †Specify thickness of door. For entrance handle set, refer to Page No. 251. Specify Number and Finish. Refer to Page No. 32A for description of finish.

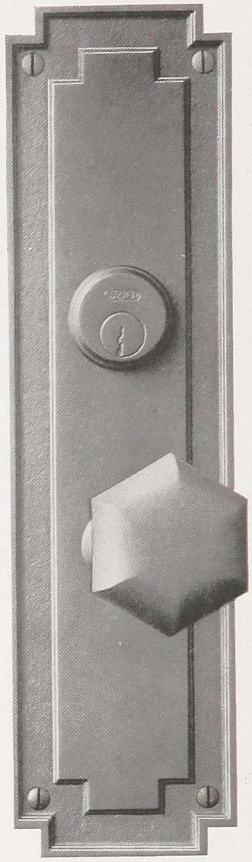
RHODES DESIGN SYMBOL RD

GREEK PERIOD
CAST BRONZE OR BRASS

No. RD30



No. RD102¼ x RD14



No. RD102¼ x RD18

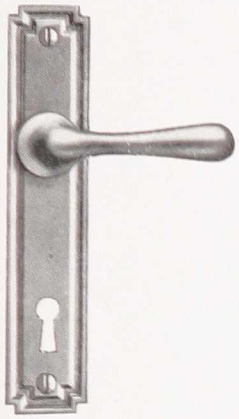
CAST BRONZE AND BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
RD1120	Latch	120	3	RD102¼	RD14	RD14
RD1130	Latch	130	4	RD102¼	RD14	RD14
RD1140	Latch	140	4	RD102¼	RD14	RD14
RDL5240	French door	240	12	RD101¾ x 2304 Lever	RD11	RD11
RD1300	Inside door	300	16	RD102¼	RD14	RD14
RD1300¾	Inside door	300¾	16	RD102¼	RD14	RD14
RD1320¾	Inside door	320¾	17	RD102¼	RD14	RD14
RD1370¾	Inside door	370¾	18	RD102¼	RD14	RD14
RD1450	Bathroom door	450	23	RD102¼	RD14	RD14T
RD1452	Communicating door	452	23	RD102¼	RD14T	RD14T
RD1455¾	Bathroom door	455¾	24	RD102¼	RD14	RD14T
RD1480	Bathroom door	480	21	RD102¼	RD14	RD14T
RD1482	Communicating door	482	22	RD102¼	RD14T	RD14T
†**RD1670**	Cylinder, front door	670	32	RD102¼	RD18	RD14T
RD1670V	Cylinder, vestibule door	670V	33	RD102¼	RD18	RD14
†**RD1670VZ**	Cylinder, vestibule door	670V	33	RD102¼	RD16	RD14
†**RD1690**	Cylinder, front door	690	38	RD102¼	RD18	RD14T
†**RD1690V**	Cylinder, vestibule door	690V	39	RD102¼	RD18	RD14
†**RD1690VZ**	Cylinder, vestibule door	690V	39	RD102¼	RD16	RD14
†**RD1790**	Cylinder, Office door	790	42	RD102¼	RD18	RD14

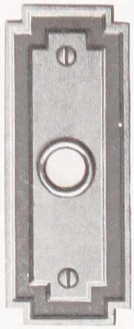
Packed each set in a box, complete with screws. For entrance handle sets, refer to Page Nos. 235 and 247.
†Specify thickness of door. Specify Number and Finish. Refer to Page No. 32A for description of finish.

RHODES DESIGN SYMBOL RD

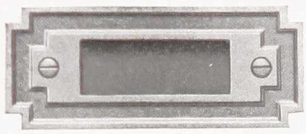
GREEK PERIOD
CAST BRONZE OR BRASS



No. 2304 x RD11



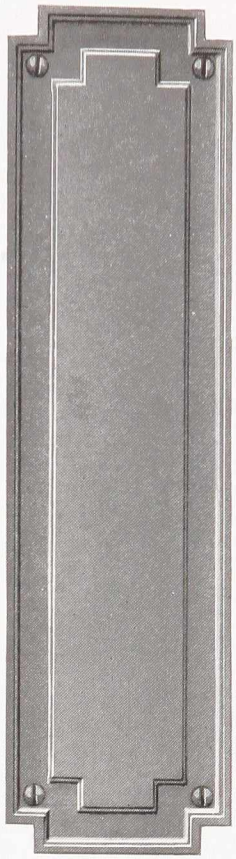
No. RD3290



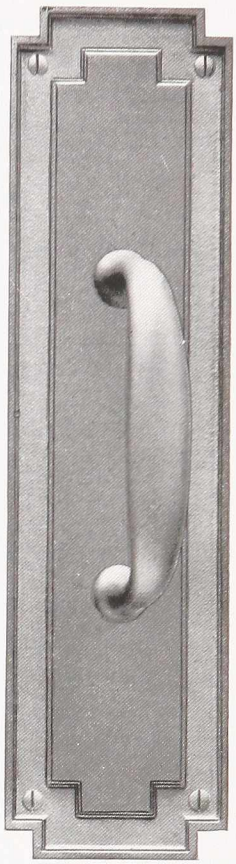
No. RD4390

No. RD2590

No. RD4290



No. RD3690



No. RD3890

Number	Size, Inches	Description
RD10	4½x1¾	Escutcheons
RD11	5½x1⅛	Escutcheons
RD14	7½x2½	Escutcheons
RD16	8 x2½	Escutcheons
RD18	10½x3¼	Escutcheons
RD30	7 x2¾	Escutcheon for sliding door locks
RD101¾	1¾	Door knobs, Model "C" spindle mountings
RD102¼	2¼	Door knobs, Model "C" spindle mountings
RD102½	2½	Door knobs, Model "C" spindle mountings
RD2490B	2¼x1	Turn knob on plate, 3/16 inch spindle on diamond
RD2490½B	2¼x1	Turn knob on plate, 7/32 inch flat spindle
RD2590	2¼x1	Key escutcheon
RD3290	4½x1¾	Push button
RD3491	2¾x8¾	Letter box plate—Opening 1¼"x5⅞"
RD3492	2¾x8¾	Letter box plate x back plate
RD3493	2¾x8¾	Letter box plate x hood
RD3690	12 x3¼	Push plate
RD3690	12 x4	Push plate
RD3690	15 x3½	Push plate
RD3690	16 x4	Push plate
RD3690	18 x3½	Push plate
RD3690	20 x4	Push plate
RD3890	12 x3¼	Door pull x No. 3901 grip. Refer to Page No. 180.
RD3890	12 x4	Door pull x No. 3901 grip. Refer to Page No. 180.
RD3890	15 x3½	Door pull x No. 3902 grip. Refer to Page No. 180.
RD3890	16 x4	Door pull x No. 3903 grip. Refer to Page No. 180.
RD3890	18 x3½	Door pull x No. 3904 grip. Refer to Page No. 180.
RD3890	20 x4	Door pull x No. 3904 grip. Refer to Page No. 180.
RD4290	1¾x6⅜	Bar sash lift
RD4390	1¾x4¼	Flush sash lift

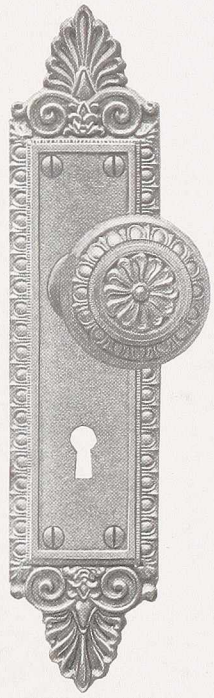
For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

LESBOS DESIGN

SYMBOL LB

GREEK PERIOD

CAST BRONZE OR BRASS



No. LB102¼ x LB14

No. LB3690

No. LB102¼ x LB18

Number	Size, Inches	Description
LB10	7¾x2⅛	Escutcheon
LB11	6½x1	Escutcheon
LB14	10 x2¼	Escutcheon
LB18	13⅛x2⅞	Escutcheon
LB30	10⅛x2½	Escutcheon for sliding door locks
LB101¾	1¾	Door knobs, Model "C" spindle mountings
LB102¼	2¼	Door knobs, Model "C" spindle mountings
LB102½	2½	Door knobs, Model "C" spindle mountings
LB3290	4⅛x1⅛	Push button
LB3690	13⅛x2⅞	Push plate
LB3690	15½x3⅛	Push plate
LB3690	18⅝x3⅛	Push plate
LB3690	21 x3½	Push plate
LB3690	24 x4	Push plate
LB3890	13⅛x2⅞	Door pull x No. 3901 grip. Refer to Page No. 180.
LB3890	15½x3⅛	Door pull x No. 3902 grip. Refer to Page No. 180.
LB3890	18⅝x3⅛	Door pull x No. 3903 grip. Refer to Page No. 180.
LB3890	21 x3½	Door pull x No. 3904 grip. Refer to Page No. 180.
LB3890	24 x4	Door pull x No. 3904 grip. Refer to Page No. 180.
LB4290	1¾x7	Bar sash lift
LB4390	1½x5⅝	Flush sash lift

For escutcheons with turn knobs, suffix Letter "T" to number. When ordering escutcheons only, specify lock with which they are to be used. Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BPONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
LB1120	Latch	120	3	LB102¼	LB14	LB14
LB1300	Inside door	300	16	LB102¼	LB14	LB14
LB1480	Bathroom door	480	21	LB102¼	LB14	LB14T
LB1482	Communicating door	482	22	LB102¼	LB14T	LB14T
†LB1670	Cylinder, front door	670	32	LB102¼	LB18	LB14T
†LB1670V	Cylinder, vestibule door	670V	33	LB102¼	LB18	LB14

Packed each set in a box, complete with screws. †Specify thickness of door. Specify Number and Finish. Refer to Page No. 32A for description of finish.

Mission

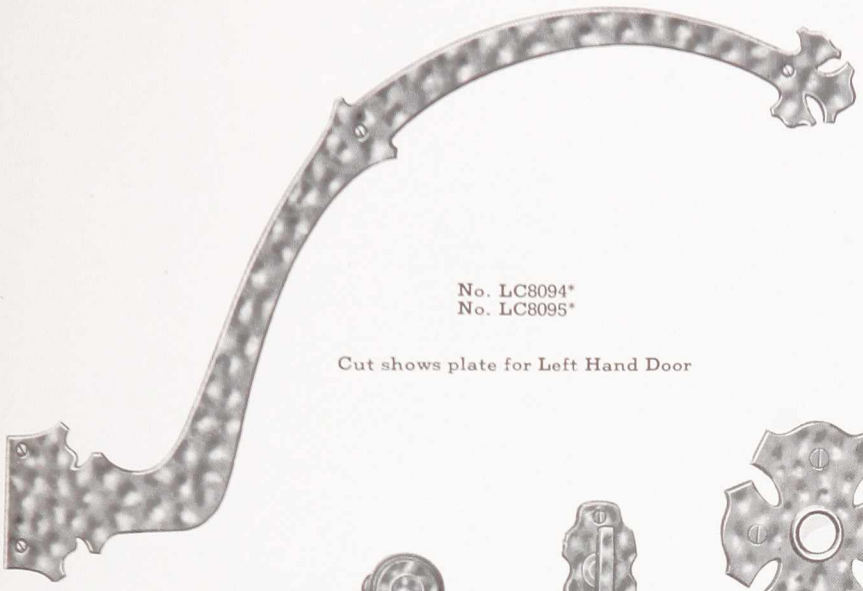
The missionary efforts of the Franciscan Fathers or Gray Friars, an order founded by St. Francis of Assisi in Italy, 1182-1226, resulted in their emigration from Spain and in the founding by Father Jumpero Serra, of religious communities in Southern California. They flourished between the years 1776 and 1831, but their purpose was greatly destroyed when Spanish power was overthrown by that of Mexico in 1840. In their buildings adverse conditions brought about great departures from the Spanish Romanesque style from which that of the Mission style was developed, resulting in a much greater simplicity. Heavy brick walls whose stuccoed surfaces were protected from the elements by the projecting eaves of gently sloping roofs, usually enclosed a Patio, or inner court, an arrangement that still persists. The curved outlines of white gables, the simple and severe lines of belfries, contrasting with the massed color of beautiful clay tile roofs were characteristic of a style that still spreads its influence upon the architecture of California.

LORCA DESIGN SYMBOL LC

(IMITATION HAMMERED FINISH)

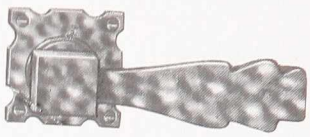
MISSION PERIOD

CAST BRONZE OR BRASS



No. LC8094*
No. LC8095*

Cut shows plate for Left Hand Door



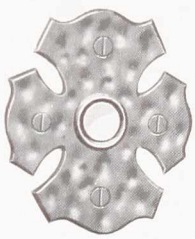
No. LC2390 x LC2090
Type LC 102¼ x LC2091

No. LC102 x LC2090

No. LC2590

No. LC6090

No. LC2490B
Type No. LC2490½B



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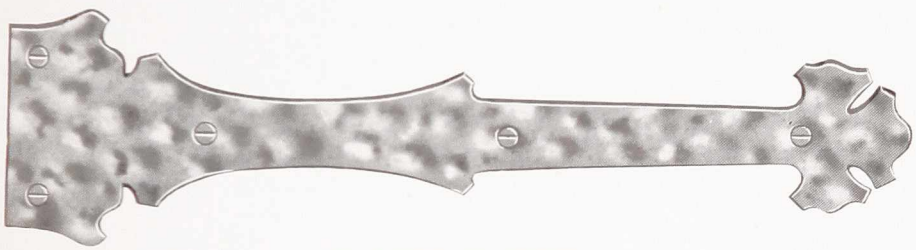
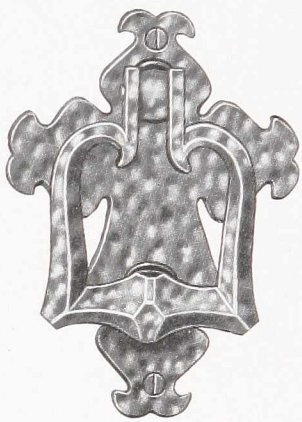


No. LC8090—No. LC8091



No. LC4090

Number	Size, Inches	Description
LC102	2	Door knobs, Model "C" spindle mounting
LC102¼	2¼	Door knobs, Model "C" spindle mounting
LC2090	1¾x 1¾	Knob rose
LC2091	2⅛x 2⅛	Knob rose
LC2390	3½	Lever
LC2490B	1¼	Turn knob on plate, 3/16 inch spindle on diamond
LC2490½B	2 x 1⅛	Turn knob on plate, 7/32 inch flat spindle
LC2590	2 x 1⅛	Key escutcheon
LC3290	3⅛x 2¾	Push button
LC6090	1¼	Drawer knob
LC4090	6¼x 4½	Door knocker
LC8090	4½x18	Hinge plate
LC8091	4¾x24	Hinge plate
*LC8094	4½x18	Curved hinge plate for right or left hand door
*LC8095	4¾x24	Curved hinge plate for right or left hand door

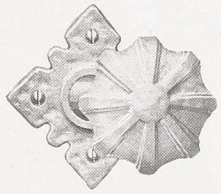
*Curved hinge plates are designed for doors 36 inches wide, with top of door on 18 inch radius, but can be used on doors 34 inches to 38 inches wide with regular radius. Measurement is from hinged edge of door to end of plate. Be sure to state hand of door. Standard Finish—HD99. Specify if other finish required.
Specify Number and Finish. Refer to Page No. 32A for description of finish.
For entrance door handle set, refer to Page No. 240.

MODISTO DESIGN SYMBOL MD

(IMITATION HAMMERED FINISH)

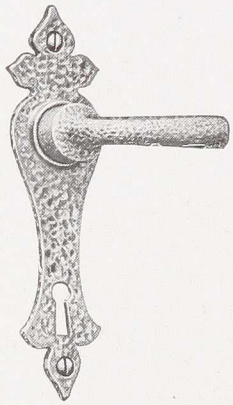
MISSION PERIOD

CAST BRONZE, BRASS OR IRON

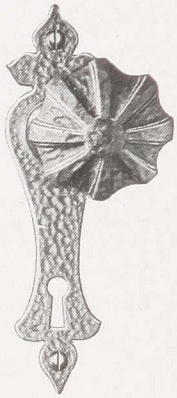


No. MD102 x MD2090
No. MD0102 x MD02090

No. MD2590
No. MD02590



No. MD2390 x MD14
No. MD02390 x MD014



No. MD102 x MD14
No. MD0102 x MD014

No. MD102 x MD18

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
MD3100	Latch	100	2	MD102	MD14	MD14
MDL3240	French door	240	12	MD102 x MD2390	MD14	MD14
MD3260	Inside door	260	15	MD102	MD14	MD14
MD3300	Inside door	300	16	MD102	MD14	MD14
†MD3670	Cylinder, front door	670	32	MD102	MD18	MD15T
†MD3670V	Cylinder, vestibule door	670V	33	MD102	MD18	MD15

†Specify thickness of door.
Packed each set in a box, complete with screws.
Standard Finishes—HD99 and HD21.
For entrance handle set, refer to Page No. 239.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST IRON LOCKSETS—With Model "C" Spindle Mountings

MD03100	Latch	*100	2	MD0102	MD014	MD014
MD0L3240	French door	*240	12	MD0102 x MD02390	MD014	MD014
MD03250	Inside door	250	15	MD0102	MD014	MD014
MD03260	Inside door	*260	15	MD0102	MD014	MD014

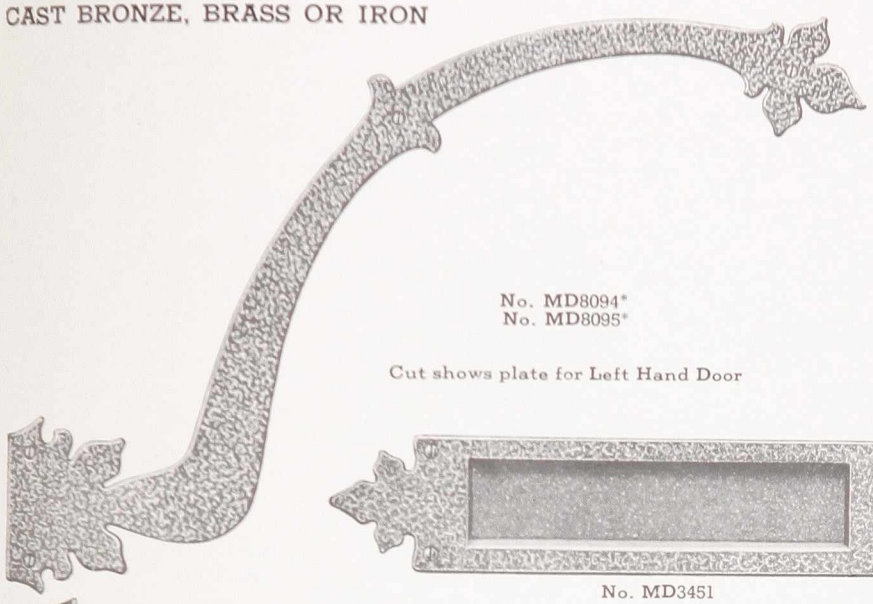
*Bronze face locks.
Packed each set in a box, complete with screws.
Standard Finishes—HD99 and HD21.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

MODISTO DESIGN SYMBOL MD

(IMITATION HAMMERED FINISH)

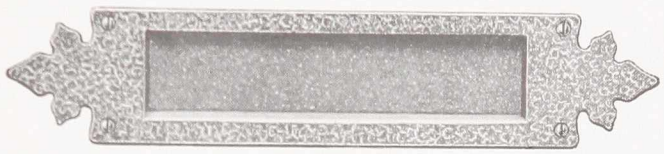
MISSION PERIOD

CAST BRONZE, BRASS OR IRON

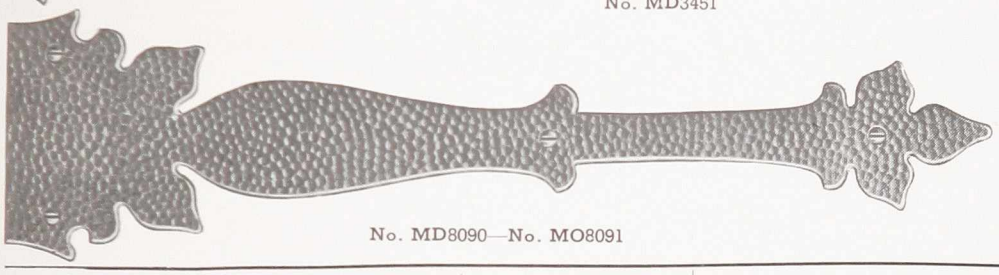


No. MD8094*
No. MD8095*

Cut shows plate for Left Hand Door



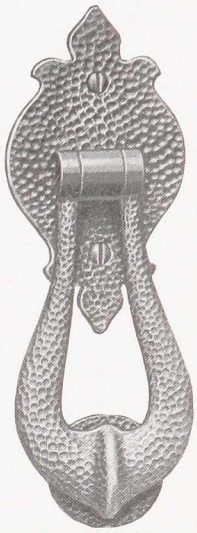
No. MD3451



No. MD8090—No. MO8091

No. MD3690

No. MD3290



No. MD4090

Number	Size, Inches	Material	Description
MD14	5½x 1⅜	Cast Bronze	Escutcheon
MD15	6⅝x 1⅜	Cast Bronze	Escutcheon
MD16	6⅜x 1⅞	Cast Bronze	Escutcheon
MD17	7 x 2	Cast Bronze	Escutcheon
MD18	8 x 2	Cast Bronze	Escutcheon
MD102	2	Cast Bronze	Door knobs, Model "C" spindle mountings
MD1990	3¾x 2⅛	Cast Bronze	Cylinder plate
MD1991	2⅜	Cast Bronze	Cylinder plate (round)
MD2090	2⅝x 2⅝	Cast Bronze	Knob rose
MD2390	2¼	Cast Bronze	Lever
MD2490B	1¾x 1½	Cast Bronze	Turn knob on plate, 3/16 inch spindle on diamond
MD2490½B	1¾x 1½	Cast Bronze	Turn knob on plate, 7/32 inch flat spindle
MD2590	1¾x 1½	Cast Bronze	Key escutcheon
MD3290	3 x 1¾	Cast Bronze	Push button
MD3451	12⅛x 2¼	Cast Bronze	Letter box plate—opening 1½"x7"
MD3452	12⅛x 2¼	Cast Bronze	Letter box plate x back plate
MD3690	12⅛x 2¼	Cast Bronze	Push plate
MD4090	7½x 2⅝	Cast Bronze	Door knocker
MD8090	4⅝x18	Cast Bronze	Hinge plate
MD8091	5 x24	Cast Bronze	Hinge plate
*MD8094	4⅝x18	Cast Bronze	Curved hinge plate for right or left hand doors
*MD8095	5 x24	Cast Bronze	Curved hinge plate for right or left hand doors
MD014	5½x 1⅜	Cast Iron	Escutcheon
MD015	6⅝x 1⅜	Cast Iron	Escutcheon
MD0102	2	Cast Iron	Door knobs, Model "C" spindle mountings
MD02090	2⅝x 2⅝	Cast Iron	Knob rose
MD02390	2¼	Cast Iron	Lever
MD02490B	1¾x 1½	Cast Iron	Turn knob on plate, 3/16 inch spindle on diamond
MD02490½B	1¾x 1½	Cast Iron	Turn knob on plate, 7/32 inch flat spindle
MD02590	1¾x 1½	Cast Iron	Key escutcheon

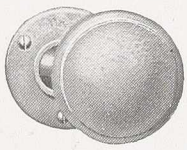
*Curved hinge plates are designed for doors 36" wide, with top of door on 18" radius, but can be used on doors 34" to 38" wide, with regular radius. Measurement is from hinged edge of door to end of plate. Be sure to state hand of door.
When ordering escutcheons only, specify lock with which they are to be used. Standard Finishes—HD99 and HD21.
For escutcheons with turn knobs, suffix Letter "T" to Number.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

RIONIDO DESIGN SYMBOL RO

(IMITATION HAMMERED FINISH)

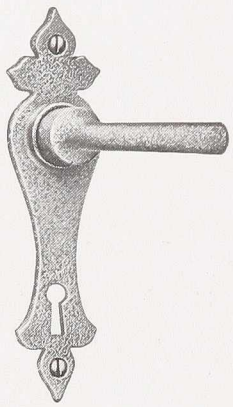
MISSION PERIOD

CAST BRONZE OR BRASS

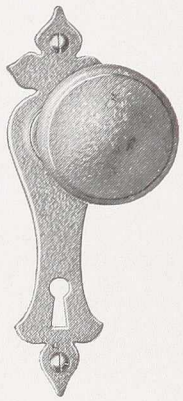


No. RO102
No. RO0102

No. RO2590
No. RO02590



No. RO2390 x No. RO14
No. RO02390 x No. RO014



No. RO102 x No. RO14
No. RO0102 x No. RO014

No. RO102 x No. RO18

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
RO3100	Latch	100	2	RO102	RO14	RO14
ROL3240	French door	240	12	RO102 x RO2390	RO14	RO14
ROL240	French door	240	12	RO2390 Levers	RO14	RO14
RO3300	Inside door	300	16	RO102	RO14	RO14
RO3480	Bathroom door	480	21	RO102	RO14	RO14T
RO3482	Communicating door	482	22	RO102	RO14T	RO14T
†RO3670	Cylinder, front door	670	32	RO102	RO18	RO15T
†RO3670V	Cylinder, vestibule door	670V	33	RO102	RO18	RO15

Packed each set in a box, complete with screws.
Standard Finishes, HD99 and HD21, specify finish.
For entrance handle set, refer to Page No. 239.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST IRON LOCKSETS—With Model "C" Spindle Mountings

RO03100	Latch	*100	2	RO0102	RO014	RO014
RO0L3240	French door	*240	12	RO0102 x RO02390	RO014	RO014
RO0L240	French door	*240	12	RO02390 Levers	RO014	RO014
RO03250	Inside door	250	15	RO0102	RO014	RO014
RO03260	Inside door	*260	15	RO0102	RO014	RO014

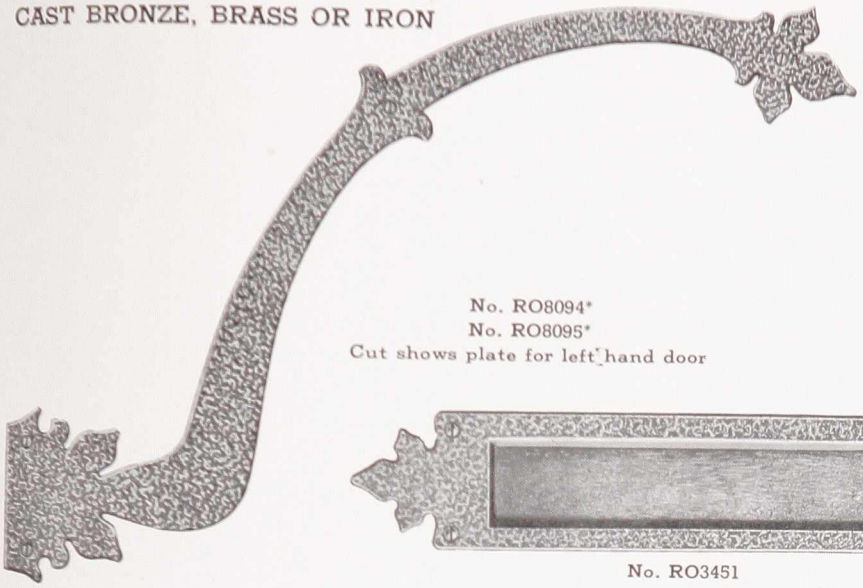
*Bronze face locks.
Packed each set in a box, complete with screws.
Standard finishes, HD99 and HD21, specify finish.
For entrance handle set, refer to Page No. 239.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

RIONIDO DESIGN SYMBOL RO

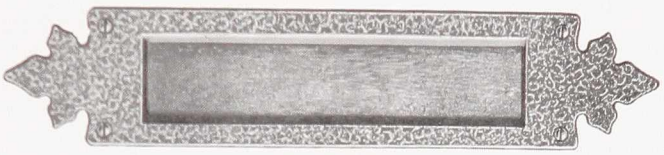
(IMITATION HAMMERED FINISH)

MISSION PERIOD

CAST BRONZE, BRASS OR IRON



No. RO8094*
No. RO8095*
Cut shows plate for left hand door



No. RO3451

No. RO8090—No. RO8091

No. RO 3690

No. RO3290

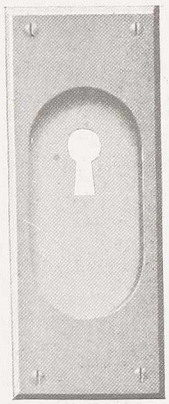
No. RO4090

Number	Size, Inches	Material	Description
RO14	5½x 1⅜	Cast Bronze	Escutcheon
RO15	6½x 1⅜	Cast Bronze	Escutcheon
RO16	6⅜x 1⅞	Cast Bronze	Escutcheon
RO17	7 x 2	Cast Bronze	Escutcheon
RO18	8 x 2	Cast Bronze	Escutcheon
RO102	2	Cast Bronze	Door knobs, Model "C" spindle mountings
RO1990	3¾x 2⅛	Cast Bronze	Cylinder plate
RO1991	2⅜	Cast Bronze	Cylinder plate (round)
RO2090	1¾	Cast Bronze	Knob rose
RO2390	2¼	Cast Bronze	Lever
RO2490B	1⅞x ¾	Cast Bronze	Turn knob on plate, 3/16 inch spindle on diamond
RO2490½B	1⅞x ¾	Cast Bronze	Turn knob on plate, 7/32 inch flat spindle
RO2590	1⅞x ¾	Cast Bronze	Key escutcheon
RO3290	3 x 1¾	Cast Bronze	Push button
RO3451	12⅛x 2¼	Cast Bronze	Letter box plate—opening 1½"x7"
RO3452	12⅛x 2¼	Cast Bronze	Letter box plate x back plate
RO3690	12⅛x 2¼	Cast Bronze	Push plate
RO4090	7½x 2⅝	Cast Bronze	Door knocker
RO8090	4⅝x18	Cast Bronze	Hinge plate
RO8091	5 x24	Cast Bronze	Hinge plate
*RO8094	4⅝x18	Cast Bronze	Curved hinge plate for right or left hand doors
*RO8095	5 x24	Cast Bronze	Curved hinge plate for right or left hand doors
RO014	5½x 1⅜	Cast Iron	Escutcheon
RO015	6½x 1⅜	Cast Iron	Escutcheon
RO0102	2	Cast Iron	Door knobs, Model "C" spindle mountings
RO02090	1¾	Cast Iron	Knob rose
RO02390	2¼	Cast Iron	Lever
RO02490B	1⅞x ¾	Cast Iron	Turn knob on plate, 3/16 inch spindle on diamond
RO02490½B	1⅞x ¾	Cast Iron	Turn knob on plate, 7/32 inch flat spindle
RO02590	1⅞x ¾	Cast Iron	Key Escutcheon

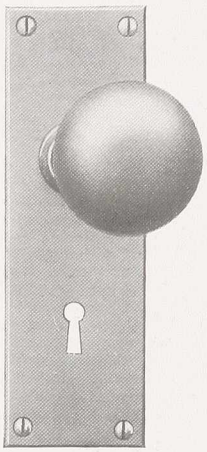
*Curved Hinge Plates are designed for doors 36 inches wide with top of door on 18" radius, but can be used on doors 34 inches to 38 inches wide, with regular radius. Measurement is from hinged edge of door to end of plate. Be sure to state hand of door.
When ordering escutcheons only, specify lock with which they are to be used. Standard Finishes—HD99 and HD21.
For escutcheons with turn knobs, suffix letter "T" to number.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

PERU DESIGN SYMBOL PR

MISSION PERIOD
CAST BRONZE OR BRASS

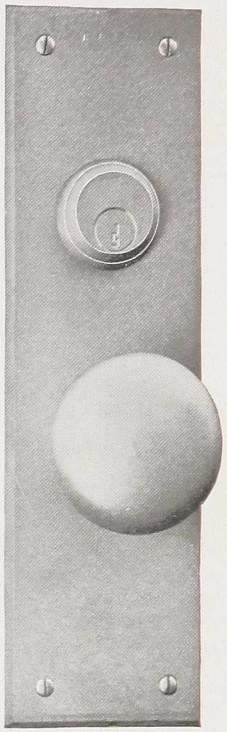


No. PR30



No. PR102¼ x PR14

No. PR102¼ x PR16



No. PR102¼ x PR18

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
PR1120	Latch	120	3	PR102¼	PR14	PR14
PRL5240	French door	240	12	PR101¾ x 2304 Lever	PR11	PR11
PR1300	Inside door	300	16	PR102¼	PR14	PR14
PR1300¾	Inside door	300¾	16	PR102¼	PR14	PR14
PR1320¾	Inside door	320¾	17	PR102¼	PR14	PR14
PR1370¾	Inside door	370¾	18	PR102¼	PR14	PR14
PR1450	Bathroom door	450	23	PR102¼	PR14	PR14T
PR1452	Communicating door	452	23	PR102¼	PR14T	PR14T
PR1455¾	Bathroom door	455¾	24	PR102¼	PR14	PR14T
PR1480	Bathroom door	480	21	PR102¼	PR14	PR14T
PR1482	Communicating door	482	22	PR102¼	PR14T	PR14T
†**PR1670**	Cylinder, front door	670	32	PR102¼	PR18	PR14T
†**PR1670V**	Cylinder, vestibule door	670V	33	PR102¼	PR18	PR14
†**PR1670VZ**	Cylinder, vestibule door	670V	33	PR102¼	PR16	PR14
†**PR1690**	Cylinder, front door	690	38	PR102¼	PR18	PR14T
†**PR1690V**	Cylinder, vestibule door	690V	39	PR102¼	PR18	PR14
†**PR1690VZ**	Cylinder, vestibule door	690V	39	PR102¼	PR16	PR14
†**PR1790**	Cylinder, office door	790	42	PR102¼	PR18	PR14

Packed each in a box, complete with screws. For entrance handle sets, refer to Page No. 247. †Specify thickness of door. Specify Number and Finish. Refer to Page No. 32A for description of finish.

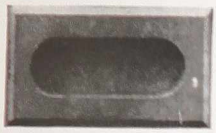
CAST BRONZE OR BRASS LOCKSETS
With Wrought Top Cast Shank Knobs, With Model "C" Spindle Mountings

PR8120	Latch	120	3	PR802¼	PR14	PR14
PR8300	Inside door	300	16	PR802¼	PR14	PR14
PR8300¾	Inside door	300¾	16	PR802¼	PR14	PR14
PR8320¾	Inside door	320¾	17	PR802¼	PR14	PR14
PR8370¾	Inside door	370¾	18	PR802¼	PR14	PR14
PR8450	Bathroom door	450	23	PR802¼	PR14	PR14T
PR8452	Communicating door	452	23	PR802¼	PR14T	PR14T
PR8455¾	Bathroom door	455¾	24	PR802¼	PR14	PR14T
PR8480	Bathroom door	480	21	PR802¼	PR14	PR14T
PR8482	Communicating door	482	22	PR802¼	PR14T	PR14T
†**PR8670**	Cylinder, front door	670	32	PR802¼	PR18	PR14T
†**PR8670V**	Cylinder, vestibule door	670V	33	PR802¼	PR18	PR14
†**PR8670VZ**	Cylinder, vestibule door	670V	33	PR802¼	PR16	PR14
†**PR8690**	Cylinder, front door	690	38	PR802¼	PR18	PR14T
†**PR8690V**	Cylinder, vestibule door	690V	39	PR802¼	PR18	PR14
†**PR8690VZ**	Cylinder, vestibule door	690V	39	PR802¼	PR16	PR14
†**PR8790**	Cylinder, office door	790	42	PR802¼	PR18	PR14

Packed each in a box, complete with screws. For entrance handle sets, refer to Page No. 247. †Specify thickness of door. Specify Number and Finish. Refer to Page No. 32A for description of finish.

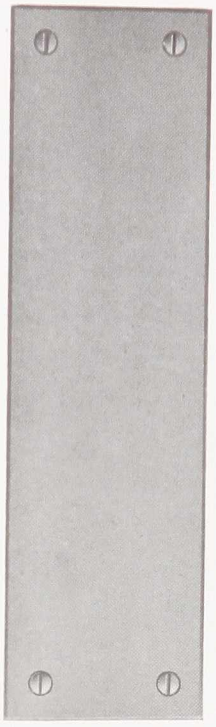
PERU DESIGN SYMBOL PR

MISSION PERIOD
CAST BRONZE OR BRASS

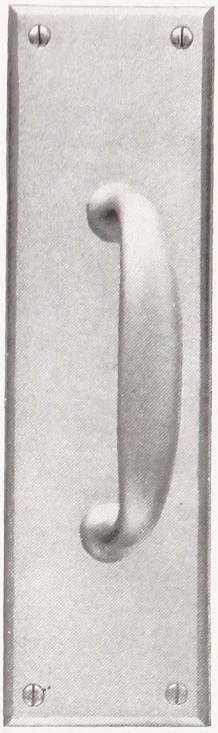


No. PR4390
Type of No. PR4391

No. PR3290



No. PR3690



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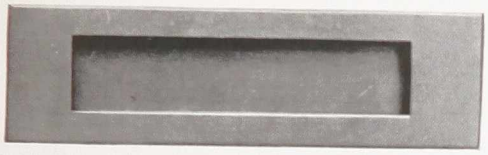


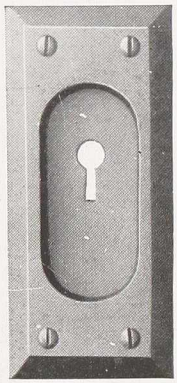
No. PR3491
Type of No. PR3451

Number	Size, Inches	Description
PR10	3¾x1¾	Escutcheon
PR11	6 x1⅜	Escutcheon
PR13	6¼x2	Escutcheon
PR14	7 x2¼	Escutcheon
PR16	8 x2½	Escutcheon
PR18	10 x3	Escutcheon
PR30	5⅝x2¼	Escutcheon for sliding door locks
PR101¾	1¾	Door knobs, Model "C" spindle mountings
PR102¼	2¼	Door knobs, Model "C" spindle mountings
PR102½	2½	Door knobs, Model "C" spindle mountings
PR802¼	2¼	Door knob, wrought top cast shank (Model "C" spindle mountings)
PR2090	2 x2	Knob rose
PR2490B	1⅞x1	Turn knob on plate, 3/16 inch spindle on diamond
PR2490½B	1⅞x1	Turn knob on plate, 7/32 inch flat spindle
PR2590	1⅞x1	Key escutcheon
PR2591	1¾x1⅛	Key escutcheon—4 screw holes
PR3290	3 x1½	Push button
PR3451	2½x9¼	Letter box plate—opening 1½"x7"
PR3452	2½x9¼	Letter box plate x back plate
PR3453	2½x9¼	Letter box plate x hood
PR3491	2 x7	Letter box plate—opening 1"x4¾"
PR3492	2 x7	Letter box plate x back plate
PR3493	2 x7	Letter box plate x hood
PR3690	.....	Push plates—See No. 3680. Refer to Page No. 170.
PR3890	.....	Door pulls—See No. 3880. Refer to Page No. 175.
PR4390	1⅝x3⅛	Flush sash lift
PR4391	1⅞x3¾	Flush sash lift

For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CUESTA DESIGN SYMBOL CE

MISSION PERIOD
CAST BRONZE OR BRASS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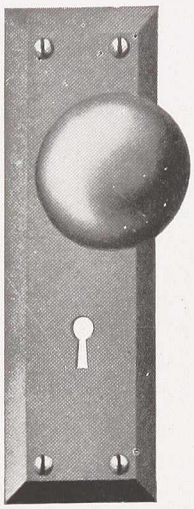

No. CE102¼ x CE14

No. CE102¼ x CE16

No. CE102¼ x CE18

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
CE1120	Latch	120	3	CE102¼	CE14	CE14
CEL5240	French door	240	12	CE101¾ x 2304 Lever	CE11	CE11
CE1300	Inside door	300	16	CE102¼	CE14	CE14
CE1300¾	Inside door	300¾	16	CE102¼	CE14	CE14
CE1320¾	Inside door	320¾	17	CE102¼	CE14	CE14
CE1370¾	Inside door	370¾	18	CE102¼	CE14	CE14
CE1450	Bathroom door	450	23	CE102¼	CE14	CE14T
CE1452	Communicating door	452	23	CE102¼	CE14T	CE14T
CE1455¾	Bathroom door	455¾	24	CE102¼	CE14	CE14T
CE1480	Bathroom door	480	21	CE102¼	CE14	CE14T
CE1482	Communicating door	482	22	CE102¼	CE14T	CE14T
†CE1670	Cylinder, front door	670	32	CE102¼	CE18	CE14T
†CE1670V	Cylinder, vestibule door	670V	33	CE102¼	CE18	CE14
†CE1670VZ	Cylinder, vestibule door	670V	33	CE102¼	CE16	CE14
†CE1690	Cylinder, front door	690	38	CE102¼	CE18	CE14T
†CE1690V	Cylinder, vestibule door	690V	39	CE102¼	CE18	CE14
†CE1690VZ	Cylinder, vestibule door	690V	39	CE102¼	CE16	CE14
†CE1790	Cylinder, office door	790	42	CE102¼	CE16	CE14

Packed each set in a box, complete with screws. For entrance handle sets, refer to Page No. 246.
†Specify thickness of door. Specify Number and Finish. Refer to Page No. 32A for description of finish.

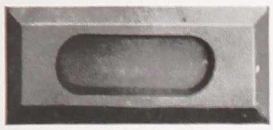
CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings
Wrought Top Cast Shank Knobs

CE8120	Latch	120	3	CE802¼	CE14	CE14
CE8300	Inside door	300	16	CE802¼	CE14	CE14
CE8300¾	Inside door	300¾	16	CE802¼	CE14	CE14
CE8320¾	Inside door	320¾	17	CE802¼	CE14	CE14
CE8370¾	Inside door	370¾	18	CE802¼	CE14	CE14
CE8450	Bathroom door	450	23	CE802¼	CE14	CE14T
CE8452	Communicating door	452	23	CE802¼	CE14T	CE14T
CE8455¾	Bathroom door	455¾	24	CE802¼	CE14	CE14T
CE8480	Bathroom door	480	21	CE802¼	CE14	CE14T
CE8482	Communicating door	482	22	CE802¼	CE14T	CE14T
†CE8670	Cylinder, front door	670	32	CE802¼	CE18	CE14T
†CE8670V	Cylinder, vestibule door	670V	33	CE802¼	CE18	CE14
†CE8670VZ	Cylinder, vestibule door	670V	33	CE802¼	CE16	CE14
†CE8690	Cylinder, front door	690	38	CE802¼	CE18	CE14T
†CE8690V	Cylinder, vestibule door	690V	39	CE802¼	CE18	CE14
†CE8690VZ	Cylinder, vestibule door	690V	39	CE802¼	CE16	CE14
†CE8790	Cylinder, office door	790	42	CE802¼	CE18	CE14

Packed each set in a box, complete with screws. For entrance handle sets, refer to Page No. 246. †Specify thickness of door. Specify Number and Finish. Refer to Page No. 32A for description of finish.

CUESTA DESIGN SYMBOL CE

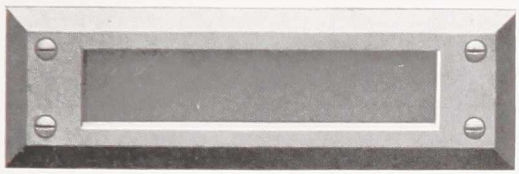
MISSION PERIOD
CAST BRONZE OR BRASS



No. CE4390

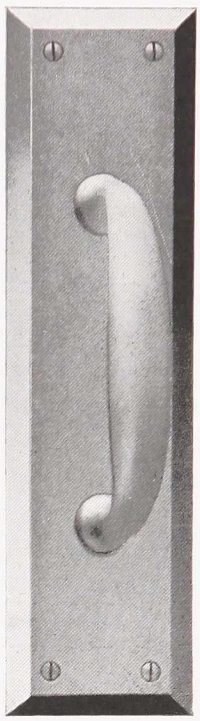
No. CE3290

No. CE101¾ x CE11



No. CE3491
Type of No. CE3451

No. CE3690



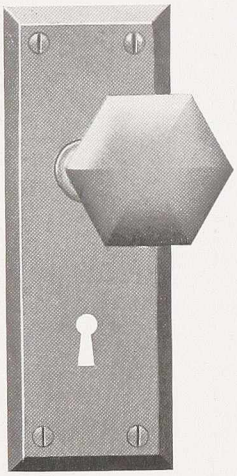
No. CE3890

Number	Size, Inches	Description
CE10	4½x2	Escutcheons
CE11	6 x1⅜	Escutcheons
CE14	7 x2¼	Escutcheons
CE15	7½x2¼	Escutcheons
CE16	8 x2½	Escutcheons
CE18	10 x3	Escutcheons
CE30	5¼x2⅜	Escutcheons for sliding door locks
CE101¾	1¾	Door knobs, Model "C" spindle mountings
CE102¼	2¼	Door knobs, Model "C" spindle mountings
CE102½	2½	Door knobs, Model "C" spindle mountings
CE802¼	2¼	Door knob, wrought top cast shank (Model "C" spindle mountings)
CE2090	2¼x2¼	Knob rose
CE2490B	2¼x1⅛	Turn knob on plate, 3/16 inch spindle on diamond
CE2490½B	2¼x1⅛	Turn knob on plate, 7/32 inch flat spindle
CE2590	2¼x1⅛	Key escutcheon
CE3290	4½x2¼	Push button
CE3451	3 x10	Letter box plate—opening 1½"x7"
CE3452	3 x10	Letter box plate x back plate
CE3453	3 x10	Letter box plate x hood
CE3491	2¼x7	Letter box plate—opening 1"x4¾"
CE3492	2¼x7	Letter box plate x back plate
CE3493	2¼x7	Letter box plate x hood
CE3690	.....	Push plates—See No. 3670, Page. Refer to Page No. 170.
CE3890	.....	Door pulls—See No. 3870, Page. Refer to Page No. 175.
CE4390	1⅝x3¾	Flush sash lift

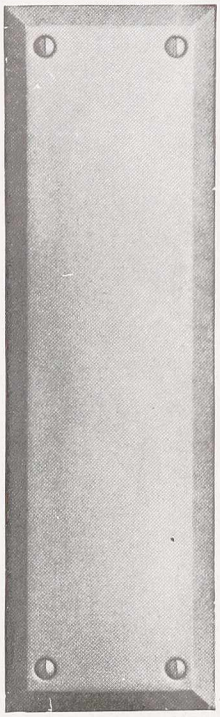
For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CADIZ DESIGN SYMBOL CI

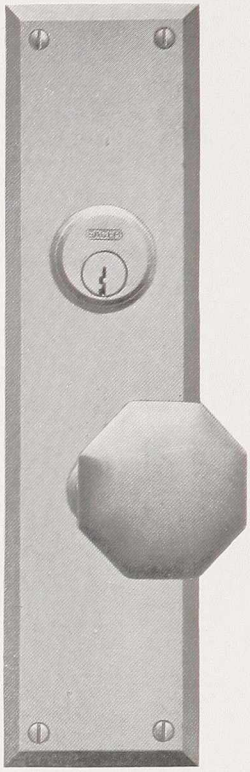
MISSION PERIOD
CAST BRONZE OR BRASS



No. CI102¼ x CI14



No. CI3690



No. CI102¼ x CI18

Number	Size, Inches	Description
CI10	4½x1 7/8	Escutcheons
CI11	6 x1⅜	Escutcheons
CI14	7 x2½	Escutcheons
CI15	7½x2¾	Escutcheons
CI16	8 x2¾	Escutcheons
CI18	10 x3	Escutcheons
CI102¼	2¼	Door knobs, Model "C" spindle mountings
CI102½	2¼	Door knobs, Model "C" spindle mountings
CI1990	2½x2½	Cylinder plate
CI2090	2¼x2¼	Knob rose
CI3290	1½x1½	Push button
CI3690	10 x3	Push plate
CI3690	12 x3	Push plate
CI3690	16 x3	Push plate
CI3690	16 x4	Push plate
CI3690	18 x3½	Push plate
CI3690	20 x3½	Push plate
CI3690	20 x4	Push plate
CI3890	10 x3	Door pull x No. 3905 grip. Refer to Page No. 180.
CI3890	12 x3	Door pull x No. 3905 grip. Refer to Page No. 180.
CI3890	16 x3	Door pull x No. 3905A grip. Refer to Page No. 180.
CI3890	16 x4	Door pull x No. 3905A grip. Refer to Page No. 180.
CI3890	18 x3½	Door pull x No. 3905B grip. Refer to Page No. 180.
CI3890	20 x3½	Door pull x No. 3905B grip. Refer to Page No. 180.
CI3890	20 x4	Door pull x No. 3905B grip. Refer to Page No. 180.
CI4390	1¾x3¾	Flush sash lift
CI6090	1¼	Drawer knob

For escutcheons with turn knob, suffix Letter "T" to number. When ordering escutcheons only, specify lock with which they are to be used. Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

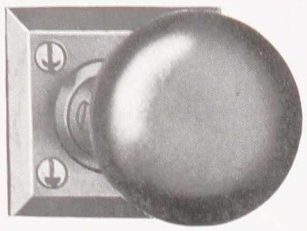
Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
CI1120	Latch	120	3	CI102¼	CI14	CI14
CI1300	Inside door	300	16	CI102¼	CI14	CI14
CI1480	Bathroom door	480	21	CI102¼	CI14	CI14T
CI1482	Communicating door	482	22	CI102¼	CI14T	CI14T
†CI1670	Cylinder, front door	670	32	CI102¼	CI18	CI14T
†CI1670V	Cylinder, vestibule door	670V	33	CI102¼	CI16	CI14

Packed each set in a box, complete with screws. †Specify thickness of door. Specify Number and Finish. Refer to Page No. 32A for description of finish.

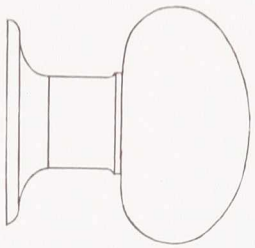
ALPINE DESIGN SYMBOL AP

MISSION PERIOD
CAST BRONZE OR BRASS

No. AP1990



No. AP102¼ x AP2090



No. AP2590

Number	Size, Inches	Description
AP102¼	2¼	Door knobs, Model "C" spindle mounting
AP1990	2¼x2¼	Cylinder plate
AP2090	2¼x2¼	Knob rose
AP2490B	1½x1½	Turn knob on plate, 3/16 inch spindle on diamond
AP2490½B	1½x1½	Turn knob on plate, 7/32 inch flat spindle
AP2590	1½x1½	Key escutcheon

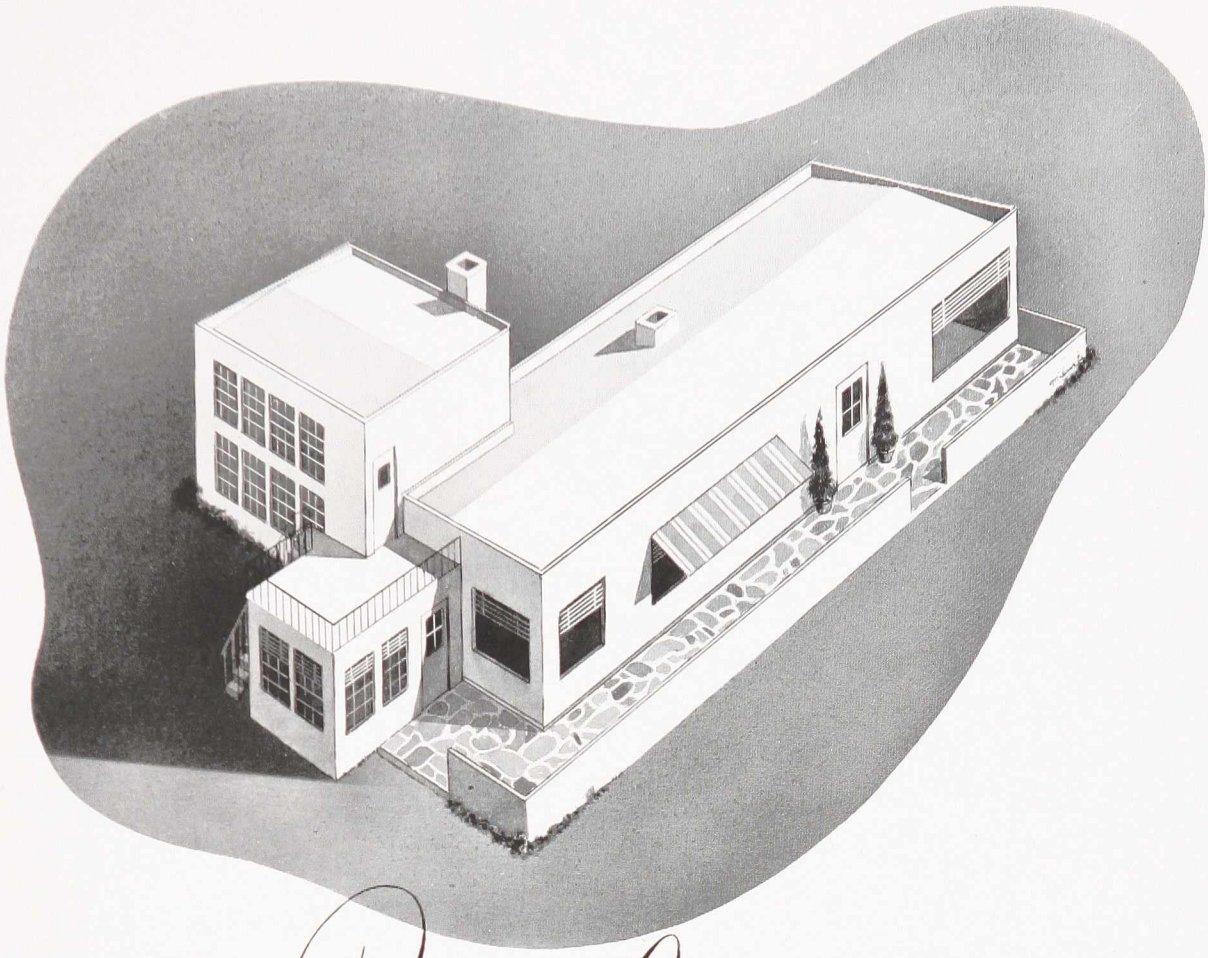
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Set Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
AP1120	Latch	120	3	AP102¼	AP2090	None
AP1130	Latch	130	4	AP102¼	AP2090	None
AP1140	Latch	140	4	AP102¼	AP2090	None
AP1300	Inside door	300	16	AP102¼	AP2090	AP2590
AP1300¾	Inside door	300¾	16	AP102¼	AP2090	AP2590
AP1320¾	Inside door	320¾	17	AP102¼	AP2090	AP2590
AP1370¾	Inside door	370¾	18	AP102¼	AP2090	AP2590
AP1450	Bathroom door	450	23	AP102¼	AP2090	AP2590 x AP2490B
AP1452	Communicatind door	452	23	AP102¼	AP2090	AP2490
AP1455¾	Bathroom door	455¾	24	AP102¼	AP2090	AP2590 x AP2490B
AP1480	Bathroom door	480	21	AP102¼	AP2090	AP2590 x AP2490B
AP1482	Communicating door	482	22	AP102¼	AP2090	AP2490
†AP1670	Cylinder, front door	670	32	AP102¼	AP2090	AP1990 x AP2490B
†AP1670V	Cylinder, vestibule door	670V	33	AP102¼	AP2090	AP1990
†AP1690	Cylinder, front door	690	39	AP102¼	AP2090	AP1990 x AP2490½B
†AP1690V	Cylinder, vestibule door	690V	39	AP102¼	AP2090	AP1990
†AP1790	Cylinder, office door	790	42	AP102¼	AP2090	AP1990

Packed each set in a box, complete with screws.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

[FUTURE DESIGNS]



Modern

The "Modern" style of architecture, sometimes referred to as "International", or better as "Contemporary", is an effort to express the great political and social changes of our times, by the use of such materials and methods as the genius of our inventors and the intricacies of our machines may produce. Of necessity these conditions tend toward the elimination of the traditional period styles of the past and in the direction of a gradual growth of a new style in which perfect appropriateness of space and material, for their individual functions, will create its own inherent beauty. While denuded of their own "applied" ornament, the modern buildings in their severe simplicity afford perfect backgrounds for the beauty of color schemes, of well designed furniture and draperies, and of their expression, with a freedom the former period styles did not permit.

NOBART DESIGN SYMBOL NA

MODERN PERIOD
CAST BRONZE OR BRASS

No. NA1990D
Type No. NA1990

No. NA102 x NA2090

No. NA2590

Number	Size, Inches	Description
NA102	2	Door knob, Model "C" spindle mountings
NA1990	2¼	Cylinder plate
NA1990D	2¼	Cylinder plate with drop
NA2090	2¼	Knob rose
NA2490B	1¾x1	Turn knob on plate, 3/16 inch spindle on diamond
NA2492½B	1¾x1	Turn knob on plate, 7/32 inch flat spindle
NA2590	1¾x1	Key plate
NA3290	2⅛	Push button

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Set Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
NA1120	Latch	120	3	NA102	NA2092	None
NA1300	Inside door	300	16	NA102	NA2092	NA2590
NA1300¾	Inside door	300¾	16	NA102	NA2092	NA2590
NA1480	Bathroom door	480	21	NA102	NA2092	NA2590 x NA2490B
NA1482	Communicating door	482	22	NA102	NA2092	NA2490B
†**NA1670**	Cylinder, front door	670	32	NA102	NA2092	NA1990D x NA2490B
†**NA1670V**	Cylinder, vestibule door	670V	33	NA102	NA2092	NA1990D

Packed each set in a box, complete with screws.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

PYLON DESIGN SYMBOL PL

MODERN PERIOD
CAST BRONZE OR BRASS

No. PL102¼ x PL2090

No. PL2590

No. PL3290

No. PL1990

Number	Size, Inches	Description
PL 102¼	2¼	Door knobs, Model "C" spindle mountings
PL1990	2½	Cylinder plate
PL2090	2⅛	Knob rose
PL2490B	1½	Turn knob on plate, 3/16 inch spindle on diamond
PL2490½B	1½	Turn knob on plate, 7/32 inch flat spindle
PL2590	1½	Key plate
PL3290	1½	Push button

Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

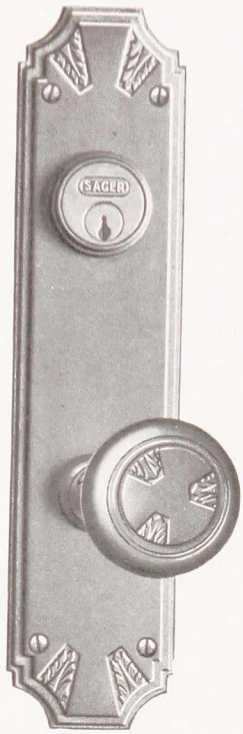
Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
PL1120	Latch	120	3	PL102¼	PL2090	None
PL1300	Inside door	300	16	PL102¼	PL2090	PL2590
PL1300¾	Inside door	300¾	16	PL102¼	PL2090	PL2590
PL1480	Bathroom door	480	21	PL102¼	PL2090	PL2490 x PL2590B
PL1482	Communicating door	482	22	PL102¼	PL2090	PL2490B
†PL1670	Cylinder, front door	670	32	PL102¼	PL2090	PL1990 x PL2490B
†PL1670V	Cylinder, vestibule door	670V	33	PL102¼	PL2090	PL1990

Packed each set in a box, complete with screws.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

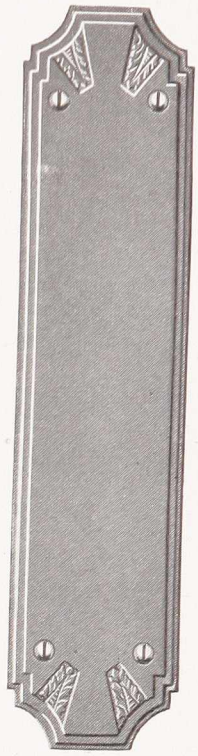
LINO DESIGN SYMBOL LN

MODERN PERIOD
CAST BRONZE OR BRASS

No. LN102¼ x LN14



No. LN102¼ x LN18



No. LN3690

Number	Size, Inches	Description
LN14	7½x2⅛	Escutcheon
LN16	9 x2⅜	Escutcheon
LN18	10¼x2⅜	Escutcheon
LN102¼	2¼	Door knobs, Model "C" spindle mounting
LN3290	3¼x2⅛	Push button
LN3690	10¼x2⅜	Push plate
LN3690	15 x3	Push plate
LN3690	18 x3	Push plate
LN3890	10¼x2⅜	Door pull x No. SG3993 Grip. Refer to Page No. 185.
LN3890	15 x3	Door pull x No. SG3993 Grip. Refer to Page No. 185.
LN3890	18 x3	Door pull x No. SG3994 Grip. Refer to Page No. 185.

For escutcheons with turn knobs, suffix Letter "T" to number.
For entrance handle set, refer to Page No. 231.
When ordering escutcheons only, specify locks with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

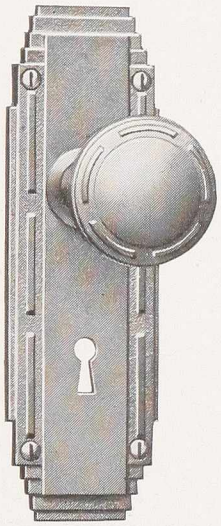
CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
LN1120	Latch	120	3	LN102¼	LN14	LN14
LN1300	Inside door	300	16	LN102¼	LN14	LN14
LN1480	Bathroom door	480	21	LN012¼	LN14	LN14T
LN1482	Communicating door	482	22	LN102¼	LN14T	LN14T
†LN1670	Cylinder front door	670	32	LN102¼	LN18	LN14T
†LN1670V	Cylinder, vestibule door	670V	33	LN102¼	LN18	LN14
†LN1670VZ	Cylinder, vestibule door	670V	33	LN102¼	LN16	LN14

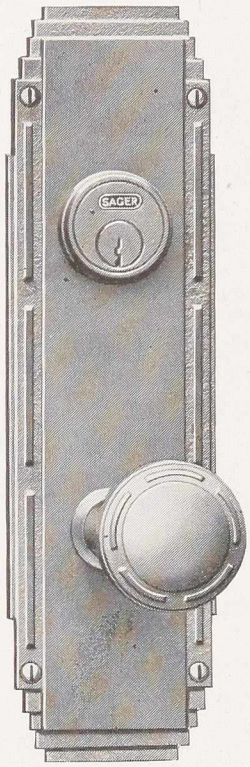
Packed each set in a box, complete with screws.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

SAGO DESIGN SYMBOL SG

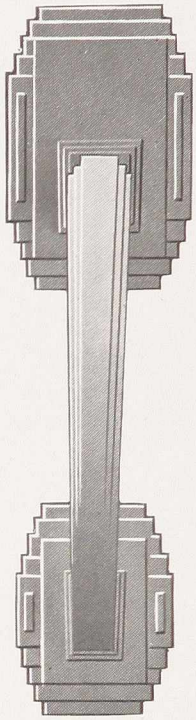
MODERN PERIOD
CAST BRONZE OR BRASS



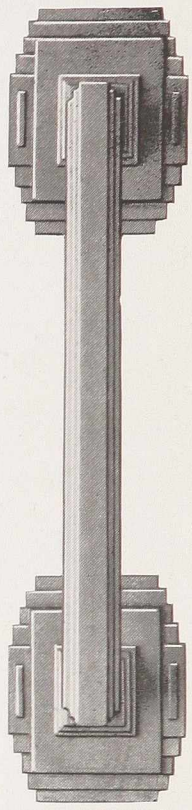
No. SG102¼ x SG14



No. SG102¼ x SG17



No. SG3891½
Type No. SG3891



No. SG3894½
Type No. SG3894
Type No. SG3895
Type No. SG3895½

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
SG1120	Latch	120	3	SG102¼	SG14	SG14
SG1130	Latch	130	4	SG102¼	SG14	SG14
SG1140	Latch	140	4	SG102¼	SG14	SG14
SG1300	Inside door	300	16	SG102¼	SG14	SG14
SG1300¾	Inside door	300¾	16	SG102¼	SG14	SG14
SG1320¾	Inside door	320¾	17	SG102¼	SG14	SG14
SG1370¾	Inside door	370¾	18	SG102¼	SG14	SG14
SG1450	Bathroom door	450	23	SG102¼	SG14	SG14T
SG1452	Communicating door	452	23	SG102¼	SG14T	SG14T
SG1455¾	Communicating door	455¾	24	SG102¼	SG14	SG14T
SG1480	Bathroom door	480	21	SG102¼	SG14	SG14T
SG1482	Communicating door	482	22	SG102¼	SG14T	SG14T
†**SG1670**	Cylinder, front door	670	32	SG102¼	SG17	SG14T
†**SG1670V**	Cylinder, vestibule door	670V	33	SG102¼	SG17	SG14
†**SG1690**	Cylinder, front door	690	38	SG102¼	SG17	SG14T
†**SG1690V**	Cylinder, vestibule door	690V	39	SG102¼	SG17	SG14
†**SG1790**	Cylinder, office door	790	42	SG102¼	SG17	SG14

Packed each set in a box, complete with screws. †Specify thickness of door. Specify Number and Finish.
Refer to Page No. 32A for description of finish. For entrance handle sets, refer to Page Nos. 231 and 252.

CAST BRONZE OR BRASS LOCKSETS SECTIONAL TRIM—With Model "C" Spindle Mountings

Number	Description	Lock		Trim		
		Number	Page	Knobs	Roses	Plates
SGS1120	Closet door	120	3	SG102¼	SG2090	None
SGS1300	Inside door	300	16	SG102¼	SG2090	SG2590
SGS1300¾	Inside door	300¾	16	SG102¼	SG2090	SG2590
SGS1480	Bathroom door	480	21	SG102¼	SG2090	SG2490B x SG2590
SGS1482	Communicating door	482	22	SG102¼	SG2090	SG2490B
†**SGS1670**	Cylinder, front door	670	32	SG102¼	SG2090	SG1991 x SG2490B
†**SGS1670V**	Cylinder, vestibule door	670V	33	SG102¼	SG2090	SG1991

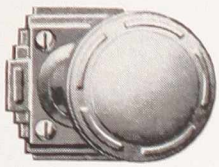
Packed each set in a box, complete with screws. †Specify thickness of door. Specify Number and Finish.
Refer to Page No. 32A for description of finish.

Illustrations One-third size

SAGO DESIGN SYMBOL SG

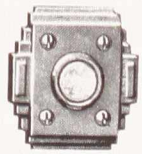
MODERN PERIOD
CAST BRONZE OR BRASS

No. SG2590

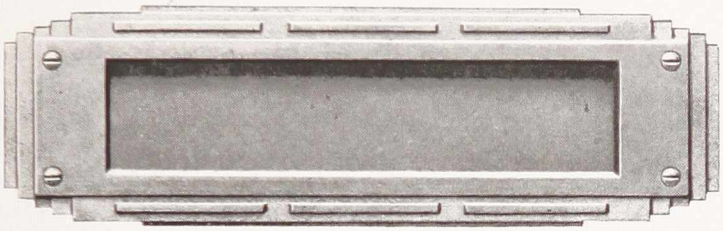


No. SG102¼ x SG2090

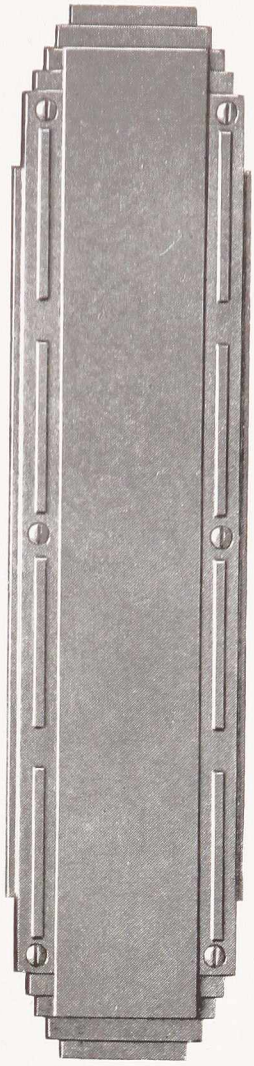
No. SG1991
Type of No. SG1990



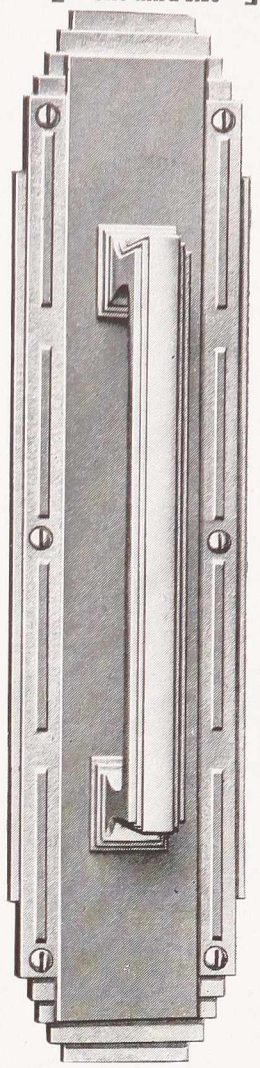
No. SG3290



No. SG3451, SG3452 and SG3453



No. SG3690



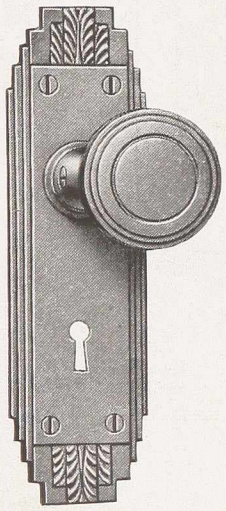
No. SG3890

Number	Size, Inches	Description
SG14	7 x2⅛	Escutcheons
SG17	9 x2¾	Escutcheons
SG18	10⅛x2¾	Escutcheons
SG102¼	2¼	Door knobs, Model "C" spindle mountings
SG1990	3¼x2⅝	Cylinder plate
SG1991	2½x2½	Cylinder plate
SG2090	2 x1⅞	Knob rose
SG2490B	1⅜x1¼	Turn knob on plate, 3/16 inch spindle on diamond
SG2490½B	1⅜x1¼	Turn knob on plate, 7/32 inch flat spindle
SG2590	1⅜x1¼	Key escutcheon
SG3290	2 x1⅞	Push button
SG3451	10⅛x2⅞	Letter box plate—Opening 1½"x7"
SG3452	10⅛x2⅞	Letter box plate x back plate
SG3453	10⅛x2⅞	Letter box plate x hood
SG3690	10⅛x2⅞	Push plate
SG3690	12 x3	Push plate
SG3690	15 x3½	Push plate
SG3690	18 x3½	Push plate
SG3890	10⅛x2⅞	Door pull x No. SG3993 grip. Refer to Page No. 185.
SG3890	12 x3	Door pull x No. SG3993 grip. Refer to Page No. 185.
SG3890	15 x3½	Door pull x No. SG3993 grip. Refer to Page No. 185.
SG3890	18 x3½	Door pull x No. SG3994 grip. Refer to Page No. 185.
†SG3894	10¾x2⅝	Sectional door pull—plate 3¼"x2⅝" x Grip No. SG3993
*SG3894½	10¾x2⅝	Sectional door pull—plate 3¼"x2⅝" x Grip No. SG3993
†SG3895	13¾x2⅝	Sectional door pull—plate 3¼"x2⅝" x Grip No. SG3994
*SG3895½	13¾x2⅝	Sectional door pull—plate 3¼"x2⅝" x Grip No. SG3994
†SG3891	10 x2⅝	Sectional door pull—Top plate 4"x2⅝", bottom plate 3"x2¼". Grip SG3991
*SG3891½	10 x2⅝	Sectional door pull—Top plate 4"x2⅝", bottom plate 3"x2¼". Grip SG3991

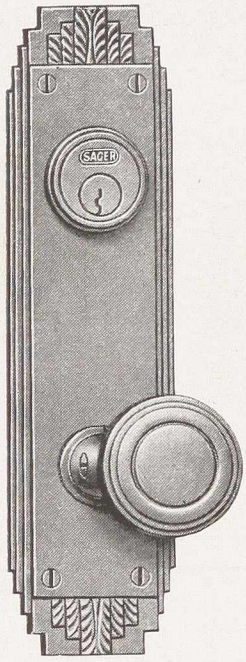
For escutcheons with turn knobs, suffix Letter "T" to number. When ordering escutcheons only, specify lock with which they are to be used. †Specify thickness of door. Specify Number and Finish. Refer to Page No. 32A for description of finish.
*Door pulls Nos. SG3891½, SG3894½ and SG3895½ are packed with through bolts. Illustrated on Page 384.
†Door pulls Nos. SG3891, SG3894 and SG3895 are packed with wood screws. Illustrated on Page 384.

PINEBRO DESIGN SYMBOL PB

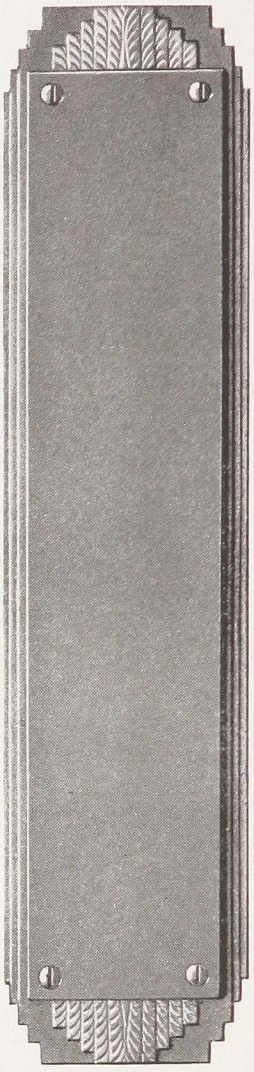
MODERN PERIOD
CAST BRONZE OR BRASS



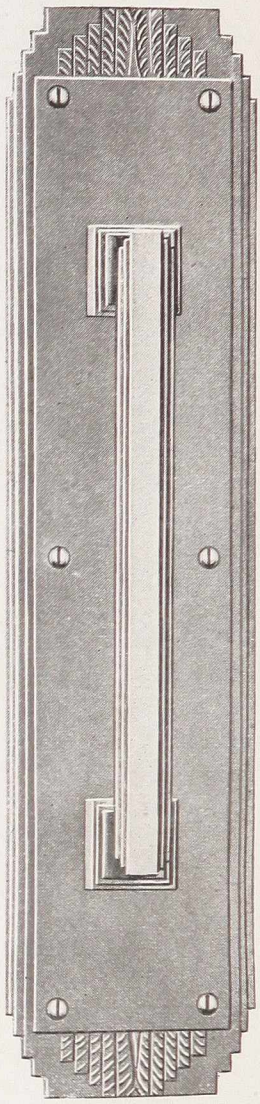
No. PB102¼ x PB14



No. PB102¼ x PB17



No. PB3690



No. PB3890

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

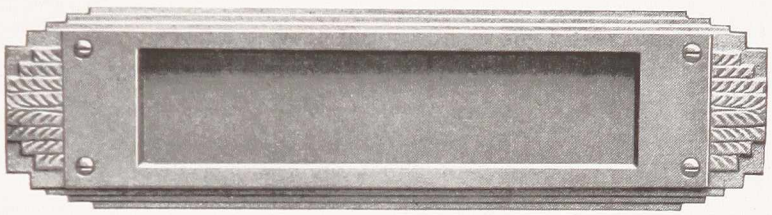
Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
PB1120	Latch	120	3	PB102¼	PB14	PB14
PB1130	Latch	130	4	PB102¼	PB14	PB14
PB1140	Latch	140	4	PB102¼	PB14	PB14
PB1300	Inside door	300	16	PB102¼	PB14	PB14
PB1300¾	Inside door	300¾	16	PB102¼	PB14	PB14
PB1320¾	Inside door	320¾	17	PB102¼	PB14	PB14
PB1370¾	Inside door	370¾	18	PB102¼	PB14	PB14
PB1450	Bathroom door	450	23	PB102¼	PB14	PB14T
PB1452	Communicating door	452	23	PB102¼	PB14T	PB14T
PB1455¾	Bathroom door	455¾	24	PB102¼	PB14	PB14T
PB1480	Bathroom door	480	21	PB102¼	PB14	PB14T
PB1482	Communicating door	482	22	PB102¼	PB14T	PB14T
†**PB1670**	Cylinder, front door	670	32	PB102¼	PB17	PB14T
†**PB1670V**	Cylinder, vestibule door	670V	33	PB102¼	PB17	PB14
†**PB1690**	Cylinder, front door	690	38	PB102¼	PB17	PB14T
†**PB1690V**	Cylinder, vestibule door	690V	39	PB102¼	PB17	PB14
†**PB1790**	Cylinder, office door	790	42	PB102¼	PB17	PB14

Packed each set in a box, complete with screws. For entrance handle sets, refer to Page Nos. 231 and 252.
†Specify thickness of door. Specify Number and Finish. Refer to Page No. 32A for description of finish.

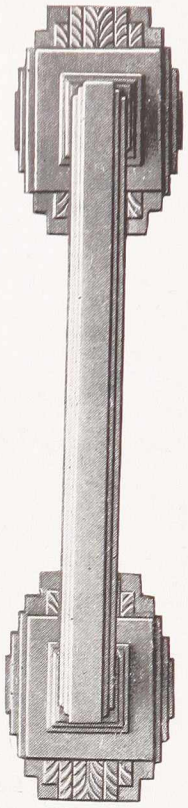
PINEBRO DESIGN SYMBOL PB

MODERN PERIOD
CAST BRONZE OR BRASS

No. PB3891½
Type No. PB3891



No. PB3451, PB3452 and PB3453



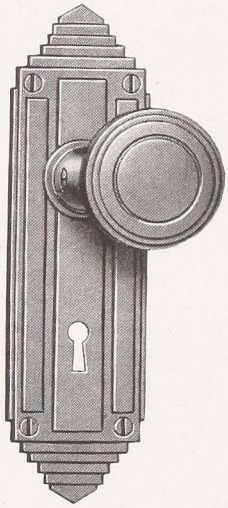
No. PB3894½
Type No. PB3894
Type No. PB3895
Type No. PB3895½

Number	Size, Inches	Description
PB14	7⅛x2⅛	Escutcheon
PB17	9¼x2½	Escutcheon
PB102¼	2¼	Door knobs, Model "C" spindle mountings
PB1990	3¼x2¼	Cylinder plate
PB3290	3 x2	Push button
PB3451	11 x2¾	Letter box plate—opening 1½"x7"
PB3452	11 x2¾	Letter box plate x back plate
PB3453	11 x2¾	Letter box plate x hood
**PB3690	12 x2½	Push plate
**PB3690	15 x2½	Push plate
**PB3690	15 x3½	Push plate
**PB3690	18 x3½	Push plate
**PB3890	12 x2½	Door pull x SG3993 Grip. Refer to Page No. 185.
**PB3890	15 x2½	Door pull x SG3993 Grip. Refer to Page No. 185.
**PB3890	15 x3½	Door pull x SG3993 Grip. Refer to Page No. 185.
**PB3890	18 x3½	Door pull x SG3994 Grip. Refer to Page No. 185.
†PB3894	10¾x2½	Sectional door pull—plate 3¼"x2½" x Grip SG3993
*PB3894½	10¾x2½	Sectional door pull—plate 3¼"x2½" x Grip SG3993
†PB3895	13¾x2½	Sectional door pull—plate 3¼"x2½" x Grip SG3994
*PB3895½	13¾x2½	Sectional door pull—plate 3¼"x2½" x Grip SG3994
†PB3891	10¼x2½	Sectional door pull—top plate 4"x2½", bottom plate 3"x2". Grip SG3991
*PB3891½	10¼x2½	Sectional door pull—top plate 4"x2½", bottom plate 3"x2". Grip SG3991
PB6090	1¼	Drawer knob

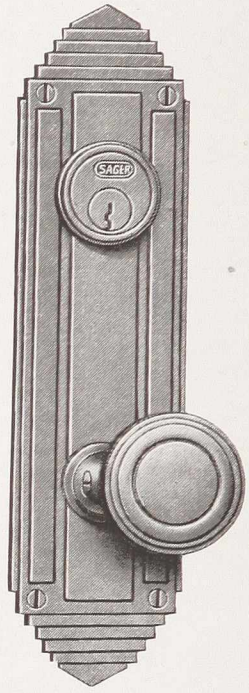
For escutcheons with turn knobs, suffix Letter "T" to number.
*Door pulls Nos. PB3891½, PB3894½ and PB3895½ are packed with through bolts.
†Door pulls Nos. PB3891, PB3894, and PB3895 are packed with wood screws.
**Illustrated on Page No. 386.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CROMART DESIGN SYMBOL CA

MODERN PERIOD
CAST BRONZE OR BRASS



No. CA102¼ x CA14



No CA102¼ x CA17

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

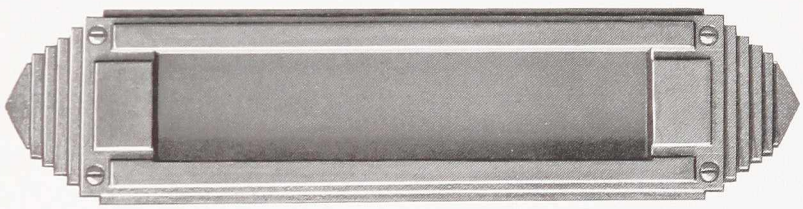
Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
CA1120	Latch	120	3	CA102¼	CA14	CA14
CA1130	Latch	130	4	CA102¼	CA14	CA14
CA1140	Latch	140	4	CA102¼	CA14	CA14
CA1300	Inside door	300	16	CA102¼	CA14	CA14
CA1300¾	Inside door	300¾	16	CA102¼	CA14	CA14
CA1320¾	Inside door	320¾	17	CA102¼	CA14	CA14
CA1370¾	Inside door	370¾	18	CA102¼	CA14	CA14
CA1450	Bathroom door	450	23	CA102¼	CA14	CA14T
CA1452	Communicating door	452	23	CA102¼	CA14T	CA14T
CA1455¾	Bathroom door	455¾	24	CA102¼	CA14	CA14T
CA1480	Bathroom door	480	21	CA102¼	CA14	CA14T
CA1482	Communicating door	482	22	CA102¼	CA14T	CA14T
†**CA1670**	Cylinder, front door	670	32	CA102¼	CA17	CA14T
†**CA1670V**	Cylinder, vestibule door	670V	33	CA102¼	CA17	CA14
†**CA1690**	Cylinder, front door	690	38	CA102¼	CA17	CA14T
†**CA1690V**	Cylinder, vestibule door	690V	39	CA102¼	CA17	CA14
†**CA1790**	Cylinder, office door	790	42	CA102¼	CA17	CA14

†Specify thickness of door.
Packed each set in a box, complete with screws.
For entrance handle sets, refer to Page Nos. 233 and 252.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CROMART DESIGN SYMBOL CA

MODERN PERIOD
CAST BRONZE OR BRASS

No. CA3690



No. CA3451

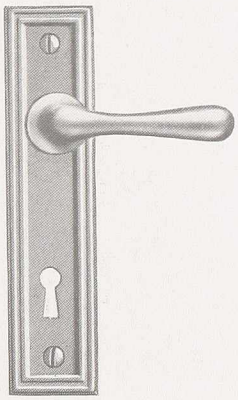
No. CA3890

Number	Size, Inches	Description
CA14	7⅛x2⅛	Escutcheons
CA17	9¼x2½	Escutcheons
CA102¼	2¼ "	Door knobs, Model "C" spindle mountings
CA3451	11½x2¾	Letter box plate—opening 1½"x7"
CA3452	11½x2¾	Letter box plate x back plate
CA3453	11½x2¾	Letter box plate x hood
CA3690	11½x2¾	Push plate
CA3690	15 x3½	Push plate
CA3690	18 x3½	Push plate
CA3890	11½x2¾	Door pull x No. SG3992 grip. Refer to Page No. 185.
CA3890	15 x3½	Door pull x No. SG3992 grip. Refer to Page No. 185.
CA3890	18 x3½	Door pull x No. SG3993 grip. Refer to Page No. 185.

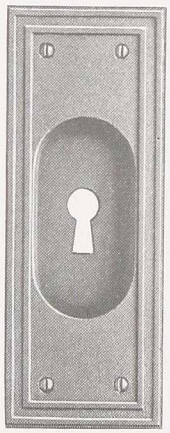
For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

REDFIELD DESIGN SYMBOL RF

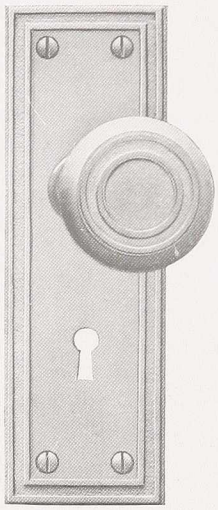
MODERN PERIOD
CAST BRONZE OR BRASS



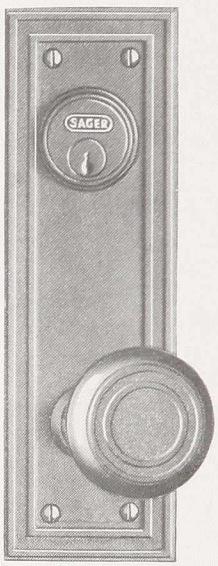
No. 2304 x RF11



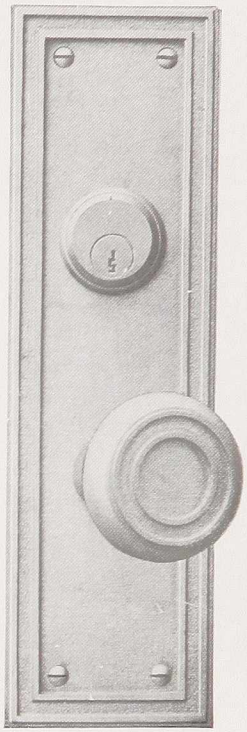
No. RF30



No. RF102¼ x RF14



No. RF102¼ x RF16



No. RF102¼ x RF18

CAST BRONZE AND BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
RF1120	Latch	120	3	RF102¼	RF14	RF14
RF1130	Latch	130	4	RF102¼	RF14	RF14
RF1140	Latch	140	4	RF102¼	RF14	RF14
RFL5240	French door	240	12	RF101¾ x 2304 Lever	RF11	RF11
RF1300	Inside door	300	16	RF102¼	RF14	RF14
RF1300¾	Inside door	300¾	16	RF102¼	RF14	RF14
RF1320¾	Inside door	320¾	17	RF102¼	RF14	RF14
RF1370¾	Inside door	370¾	18	RF102¼	RF14	RF14
RF1450	Bathroom door	450	23	RF102¼	RF14	RF14T
RF1452	Communicating door	452	23	RF102¼	RF14T	RF14T
RF1455¾	Bathroom door	455¾	24	RF102¼	RF14	RF14T
RF1480	Bathroom door	480	21	RF102¼	RF14	RF14T
RF1482	Communicating door	482	22	RF102¼	RF14T	RF14T
†RF1670	Cylinder, front door	670	32	RF102¼	RF18	RF14T
†RF1670V	Cylinder, vestibule door	670V	33	RF102¼	RF18	RF16
†RF1670VZ	Cylinder, vestibule door	670V	33	RF102¼	RF16	RF14
†RF1690	Cylinder, front door	690	38	RF102¼	RF18	RF14T
†RF1690V	Cylinder, vestibule door	690V	39	RF102¼	RF18	RF16
†RF1690VZ	Cylinder, vestibule door	690V	39	RF102¼	RF16	RF14
†RF1790	Cylinder, office door	790	42	RF102¼	RF18	RF14

Packed each set in a box, complete with screws.
For entrance handle sets, refer to Page Nos. 236 and 248.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

REDFIELD DESIGN SYMBOL RF

MODERN PERIOD

CAST BRONZE OR BRASS

No. RF3290

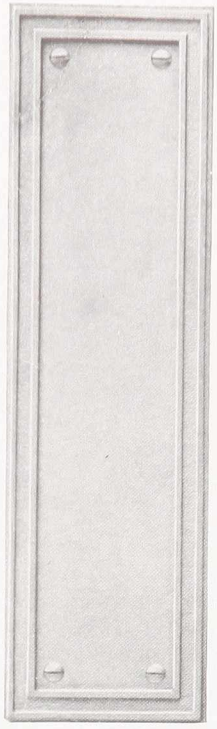
No. RF4390

No. RF102¼ x RF2090

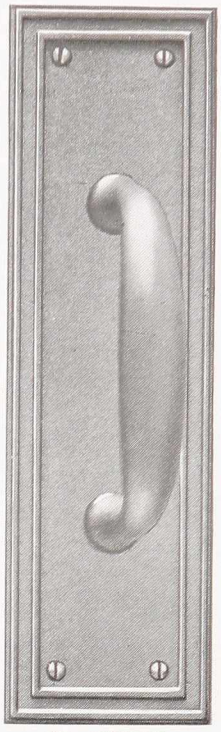
No. RF4290

No. RF2590

No. RF3491
Type of No. RF3451



No. RF3690



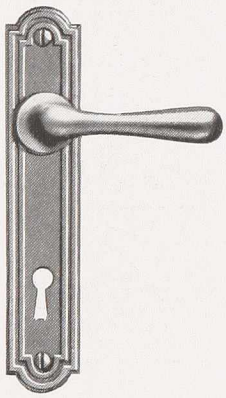
No. RF3890

Number	Size, Inches	Description
RF10	4¾x1¾	Escutcheons
RF11	5½x1⅛	Escutcheons
RF14	7¼x2⅜	Escutcheons
RF16	8 x2½	Escutcheons
RF17	10 x2⅜	Escutcheons
RF18	10 x3	Escutcheons
RF30	6 x2⅜	Escutcheon for sliding door locks
RF101¾	1¾	Door knobs, Model "C" spindle mountings
RF102¼	2¼	Door knobs, Model "C" spindle mountings
RF102½	2½	Door knobs, Model "C" spindle mountings
RF2090	2 x2	Knob rose
RF2490B	2 x1⅛	Turn knob on plate, 3/16 inch spindle on diamond
RF2490½B	2 x1⅛	Turn knob on plate, 7/32 inch flat spindle
RF2590	2 x1⅛	Key escutcheon
RF3290	3¾x1⅜	Push button
RF3451	3 x10	Letter box plate—Opening 1½"x7"
RF3452	3 x10	Letter box plate x back plate
RF3453	3 x10	Letter box plate x hood
RF3491	2⅜x7⅛	Letter box plate x opening 1"x4¾"
RF3492	2⅜x7⅛	Letter box plate x back plate
RF3493	2⅜x7⅛	Letter box plate x hood
RF3690	10 x3	Push plate
RF3690	12 x3	Push plate
RF3690	15 x3	Push plate
RF3690	16 x3½	Push plate
RF3690	18 x3½	Push plate
RF3690	20 x4	Push plate
RF3890	10 x3	Door pull x No. 3901 grip. Refer to Page No. 180.
RF3890	12 x3	Door pull x No. 3902 grip. Refer to Page No. 180.
RF3890	15 x3	Door pull x No. 3903 grip. Refer to Page No. 180.
RF3890	16 x3½	Door pull x No. 3903 grip. Refer to Page No. 180.
RF3890	18 x3½	Door pull x No. 3904 grip. Refer to Page No. 180.
RF3890	20 x4	Door pull x No. 3904 grip. Refer to Page No. 180.
RF4290	1⅜x5⅛	Bar sash lift
RF4390	1⅜x3¾	Flush sash lift

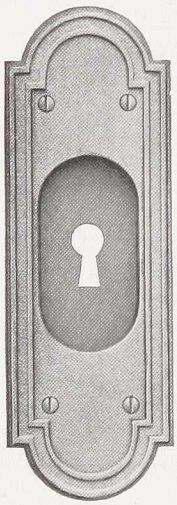
For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

RICHMOND DESIGN SYMBOL RM

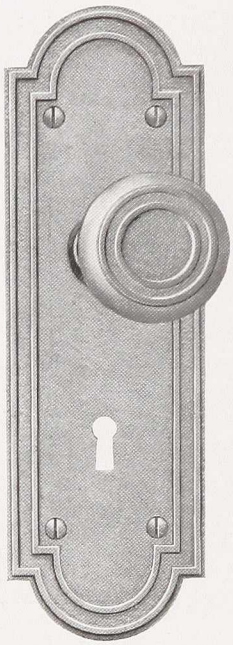
MODERN PERIOD
CAST BRONZE OR BRASS



No. 2304 x RM11

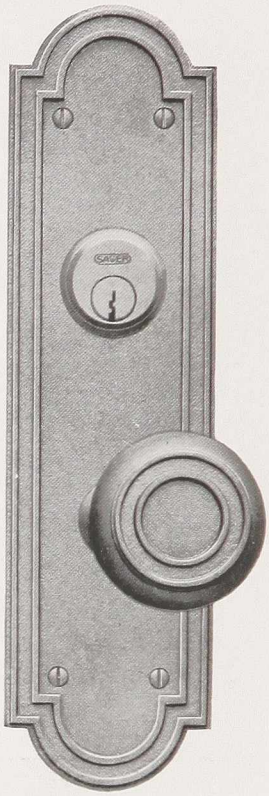


No. RM30



No. RM102¼ x RM14

No. RM102¼ x RM16



No. RM102¼ x RM18

CAST BRONZE AND BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
RM1120	Latch	120	3	RM102¼	RM14	RM14
RM1130	Latch	130	4	RM102¼	RM14	RM14
RM1140	Latch	140	4	RM102¼	RM14	RM14
RML5240	French door	240	12	RM101¾ x 2304 Lever	RM11	RM11
RM1300	Inside door	300	16	RM102¼	RM14	RM14
RM1300¾	Inside door	300¾	16	RM102¼	RM14	RM14
RM1320¾	Inside door	320¾	17	RM102¼	RM14	RM14
RM1370¾	Inside door	370¾	18	RM102¼	RM14	RM14
RM1450	Bathroom door	450	23	RM102¼	RM14	RM14T
RM1452	Communicating door	452	23	RM102¼	RM14T	RM14T
RM1455¾	Bathroom door	455¾	24	RM102¼	RM14	RM14T
RM1480	Bathroom door	480	21	RM102¼	RM14	PR14T
RM1482	Communicating door	482	22	RM102¼	RM14T	RM14T
†**RM1670**	Cylinder, front door	670	32	RM102¼	RM18	RM14T
†**RM1670V**	Cylinder, vestibule door	670V	33	RM102¼	RM18	RM14
†**RM1670VZ**	Cylinder, vestibule door	670V	33	RM102¼	RM16	RM14
†**RM1690**	Cylinder, front door	690	38	RM102¼	RM18	RM14T
RM1690V	Cylinder, vestibule door	690V	39	RM102¼	RM18	RM14
†**RM1690VZ**	Cylinder, vestibule door	690V	39	RM102¼	RM16	RM14
†**RM1790**	Cylinder, office door	790	42	RM102¼	RM18	RM14

Packed each set in a box, complete with screws.
For entrance handle sets, refer to Page Nos. 235 and 248.
†Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

RICHMOND DESIGN SYMBOL RM

MODERN PERIOD
CAST BRONZE OR BRASS

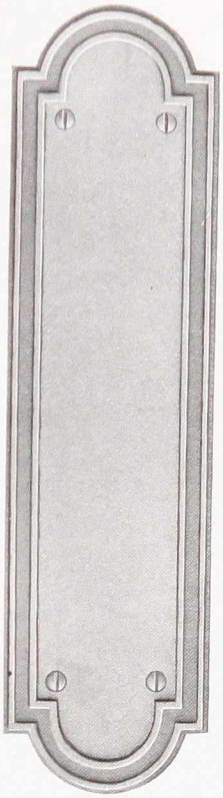
No. RM3290

No. 4390

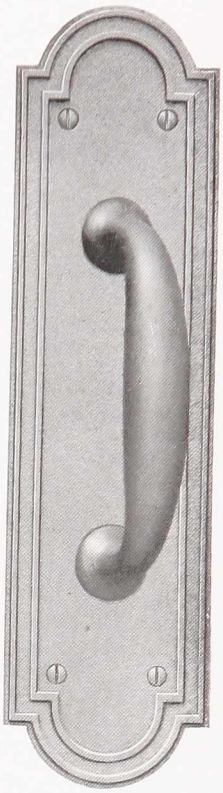
No. RM4290

No. RM2590

No. RM3491
Type of No. RM3451



No. RM3690

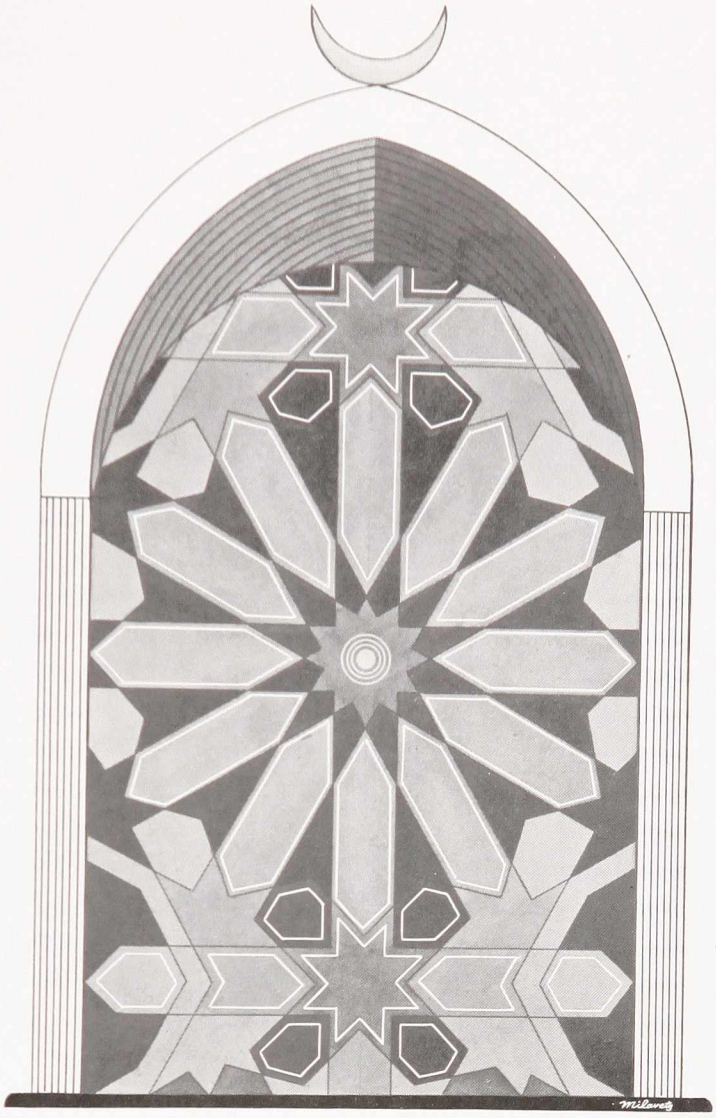


No. RM3890

Number	Size, Inches	Description
RM10	4¾x1¾	Escutcheon
RM11	5½x1⅛	Escutcheon
RM14	7 x2⅜	Escutcheon
RM15	8 x2⅜	Escutcheon
RM16	9 x3	Escutcheon
RM18	11 x3	Escutcheon
RM30	7 x2⅜	Escutcheon for sliding door locks
RM101¾	1¾	Door knobs, Model "C" spindle mountings
RM102¼	2¼	Door knobs, Model "C" spindle mountings
RM102½	2½	Door knobs, Model "C" spindle mountings
RM2490B	2½x1⅛	Turn knob on plate, 3/16 inch spindle on diamond
RM2490½B	2½x1⅛	Turn knob on plate, 7/32 inch flat spindle
RM2590	2½x1⅛	Key escutcheon
RM3290	4¼x1⅜	Push button
RM3451	3 x11	Letter box plate—Opening 1½"x7"
RM3452	3 x11	Letter box plate x back plate
RM3453	3 x11	Letter box plate x hood
RM3491	2⅜x8¼	Letter box plate—Opening 1"x4¾"
RM3492	2⅜x8¼	Letter box plate x back plate
RM3493	2⅜x8¼	Letter box plate x hood
RM3690	11 x3	Push plate
RM3690	15 x3	Push plate
RM3690	18 x3½	Push plate
RM3690	20 x4	Push plate
RM3890	11 x3	Door pull x No. 3901 grip. Refer to Page No. 180.
RM3890	15 x3	Door pull x No. 3903 grip. Refer to Page No. 180.
RM3890	18 x3½	Door pull x No. 3904 grip. Refer to Page No. 180.
RM3890	20 x4	Door pull x No. 3904 grip. Refer to Page No. 180.
RM4290	1½x5¾	Bar sash lift
RM4390	1⅜x4¼	Flush sash lift

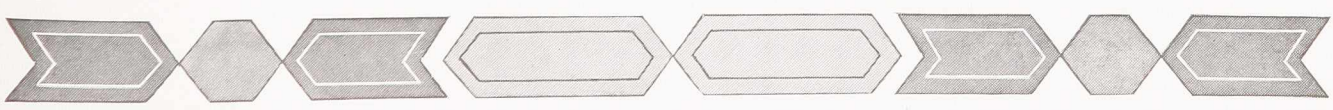
For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

[FUTURE DESIGNS]



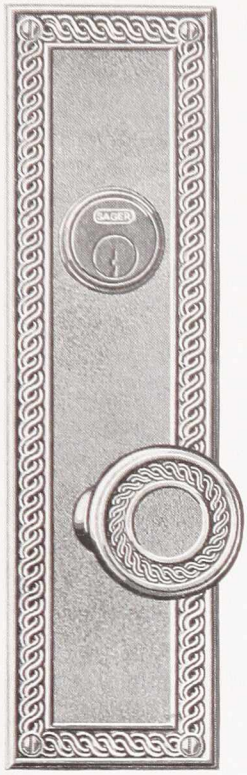
MOORISH

The Moorish or "Moresco" style, with which we are most familiar, dates from the conquest of Spain by the Moors in the 8th. century. Descended from a nomadic ancestry accustomed to life in tents, the Moors were not architects or builders to any extent, but in a rich, luxurious and refined manner they became perfect ornamentists. Influenced by the Greek, Byzantine and Arabic styles, and with religious tenets forbidding the use of living forms, the Moors made an extraordinary use of geometric forms and color. They produced a peculiarly individual form of decoration, and of the buildings of Spain that characterize the Moorish influence, the most magnificent example will be found in the Alhambra, the palace of the rulers of Granada.

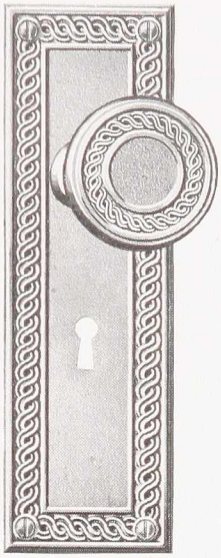


GRANADA DESIGN SYMBOL GA

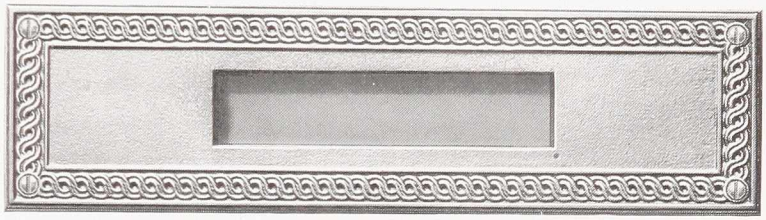
MOORISH PERIOD
CAST BRONZE OR BRASS



No. GA102¼ x GA18



No. GA102¼ x GA14



No. GA3491

No. GA3890

Number	Size, Inches	Description
GA10	5 x2½	Escutcheon
GA14	8 x2½	Escutcheon
GA18	11 x3	Escutcheon
GA102¼	2¼	Door knobs, Model "C" spindle mounting
GA3491	3 x11	Letter box plate—opening 1½"x7"
GA3492	3 x11	Letter box plate x back plate
GA3493	3 x11	Letter box plate x hood
GA3690	11 x3	Push plate
GA3690	15¼x3⅝	Push plate
GA3690	16 x4	Push plate
GA3890	11 x3	Door pull x No. 3901 Grip—Refer to Page No. 180
GA3890	15¼x3⅝	Door pull x No. 3903 Grip—Refer to Page No. 180
GA3890	16 x4	Door pull x No. 3903 Grip—Refer to Page No. 180

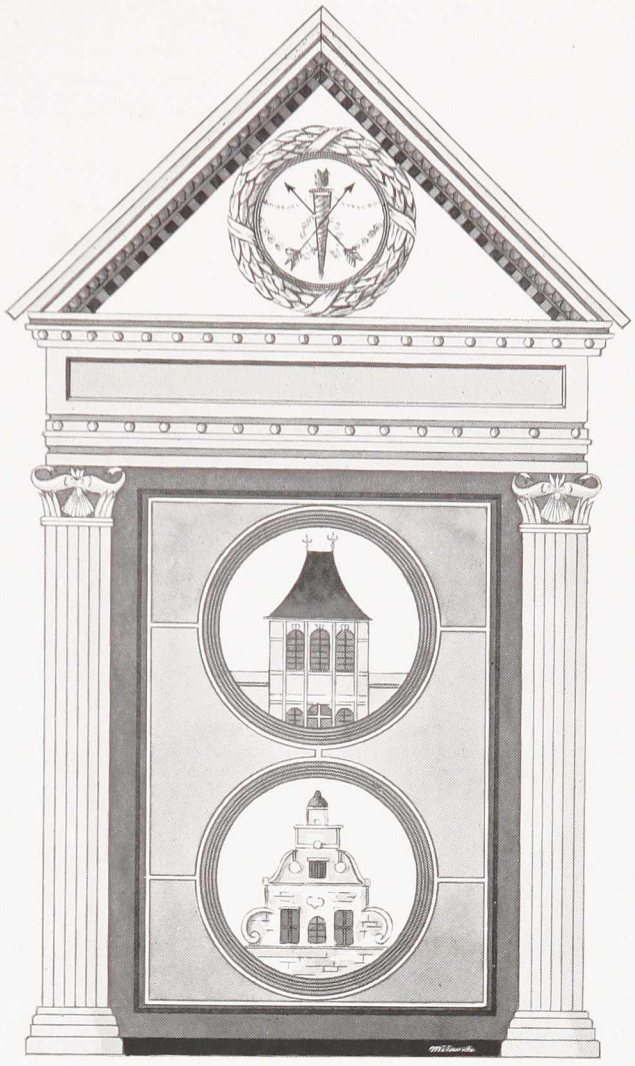
For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
GA1120	Latch	120	3	GA102¼	GA14	GA14
GA1300	Inside door	300	16	GA102¼	GA14	GA14
GA1482	Communicating door	482	22	GA102¼	GA14T	GA14T
†GA1670	Cylinder, front door	670	32	GA102¼	GA18	GA14T
†GA1670V	Cylinder, vestibule door	670V	33	GA102¼	GA18	GA14

Packed each set in a box, complete with screws. †Specify thickness of door. Specify Number and Finish.
Refer to Page No. 32A for description of finish. For entrance door handle set, refer to Page No. 251.

[FUTURE DESIGNS]



Renaissance

French . Italian . Flemish

Upon the dead ashes of the Gothic era were kindled the fires of a great revival, a swing of the pendulum back to the Classic arts of Rome, Pompeii and Greece; perhaps arts more fitted to an increase of worldly prosperity. The discovery of a sea route to India enriched the western countries of Europe and upon a wave of commercialism arose a great desire for learning in the arts of architecture, letters and painting. In France and England the architectural transition was slow and produced the romantic styles of Francis I, 1515-1547, and Elizabeth, 1558-1603, while in Italy where Gothic was not so rooted, the architect Brunelleschi in the middle of the 15th century began to use classic details of purity and severity. Some of the world's most famous painters belong to this era, such as Botticelli, 1447-1510, and Leonardo da Vinci, 1452-1519. Outstanding buildings of the Renaissance include the Strozzi and Pitti palaces built by Brunelleschi at Florence, St. Peter's, Rome, finished by Michelangelo, 1546. At Paris the Louvre, begun 1544 and finished by Louis XIV, the Tuileries, 1564, Versailles, 1645-1708, built by architect Mansard and the Pantheon erected in the 18th century. In England the style was adopted by such famous architects as Inigo Jones, 1472-1652. Sir Christopher Wren, 1632-1723, and Sir William Chambers, 1726-1796. The Renaissance slowly gave way to the Rococo, Empire, and the Greek and Gothic revivals of the 19th century, from which in this 20th century a modern style would appear to be emerging.

FLANDERS DESIGN SYMBOL FD

FLEMISH RENAISSANCE PERIOD
CAST BRONZE OR BRASS

No. FD102¼ x FD14

No. FD3690

No. FD102¼ x FD18

Number	Size, Inches	Description
FD11	6⅛x1⅛	Escutcheon
FD14	7¾x2¼	Escutcheon
FD16	10¼x2¾	Escutcheon
FD18	12 x3	Escutcheon
FD30	7¾x2¼	Escutcheon for sliding door locks
FD102¼	2¼	Door knobs, Model "C" spindle mounting
FD102½	2½	Door knobs, Model "C" spindle mounting
FD3290	3 x1¼	Push button
FD3690	12 x3	Push plate
FD3690	20 x3½	Push plate
FD3890	12 x3	Door pull x No. 3901 grip. Refer to Page No. 180.
FD3890	20 x3½	Door pull x No. 3904 grip. Refer to Page No. 180.
FD4390	1⅝x4⅞	Flush sash lift

For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mounting

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
FD1120	Latch	120	3	FD102¼	FD14	FD14
FD1300	Inside door	300	16	FD102¼	FD14	FD14
FD1480	Bathroom door	480	21	FD102¼	FD14	FD14T
FD1482	Communicating door	482	22	FD102¼	FD14T	FD14T
†FD1670	Cylinder, front door	670	32	FD102¼	FD18	FD14T
†FD1670V	Cylinder vestibule door	670V	33	FD102¼	FD18	FD14

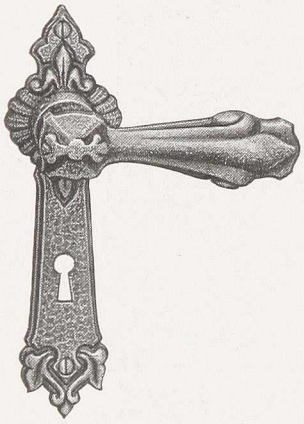
Packed each set in a box, complete with screws. †Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

BADEN DESIGN SYMBOL BD

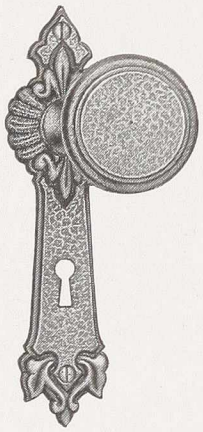
(IMITATION HAMMERED FINISH)

GERMAN RENAISSANCE PERIOD

CAST BRONZE, BRASS OR IRON



No. BD2390 x BD14
No. BD02390 x BD014



No. BD102 x BD14
No. BD0102 x BD014

No. BD102 x BD18

CAST BRONZE AND BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
BD3100	Latch	100	2	BD102	BD14	BD14
BDL3240	French door	240	12	BD102 x BD2390	BD14	BD14
BD3260	Inside door	260	15	BD102	BD14	BD14
BD3300	Inside door	300	16	BD102	BD14	BD14
†BD3670	Cylinder, front door	670	32	BD102	BD18	BD15T
†BD3670V	Cylinder, vestibule door	670V	33	BD102	BD18	BD15

†Specify thickness of door.
For entrance handle sets, refer to Page No. 238.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST IRON LOCKSETS—With Model "C" Spindle Mountings

BD03110	Latch	*110	2	BD0102	BD014	BD014
BD0L3240	French door	*240	12	BD0102 x BD02390	BD014	BD014
BD0L3230	French door	*230	11	BD0102 x BD02390	BD014	BD014
BD03250	Inside door	250	15	BD0102	BD014	BD014
BD03260	Inside door	*260	15	BD0102	BD014	BD014

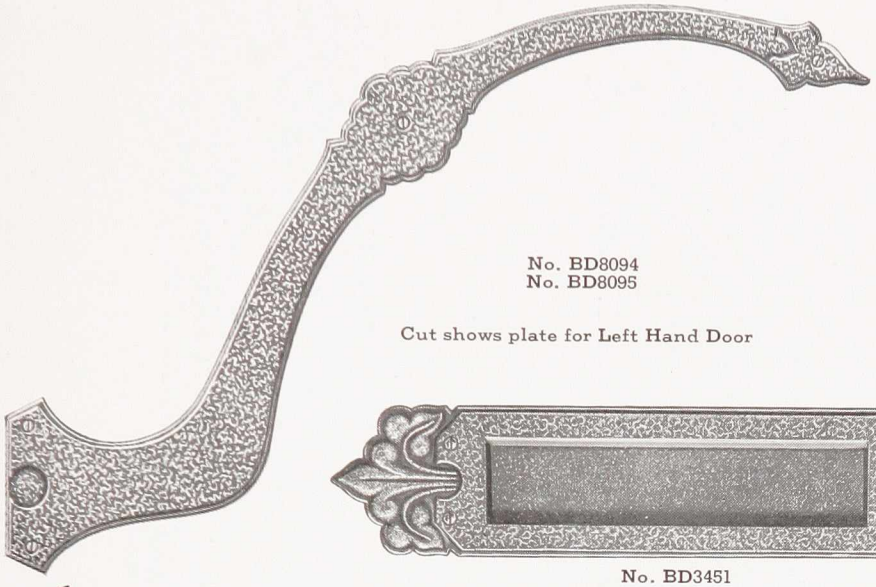
*Bronze face locks.
Packed each set in a box, complete with screws.
Standard finishes—HD99 and HD21, specify finish.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

BADEN DESIGN SYMBOL BD

(IMITATION HAMMERED FINISH)

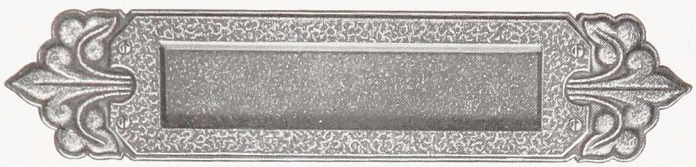
GERMAN RENAISSANCE PERIOD

CAST BRONZE, BRASS OR IRON

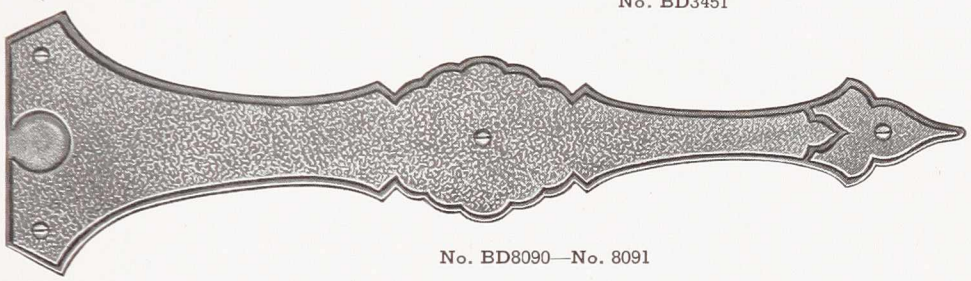


No. BD8094
No. BD8095

Cut shows plate for Left Hand Door



No. BD3451



No. BD8090—No. 8091

No. BD3690

No. BD3290

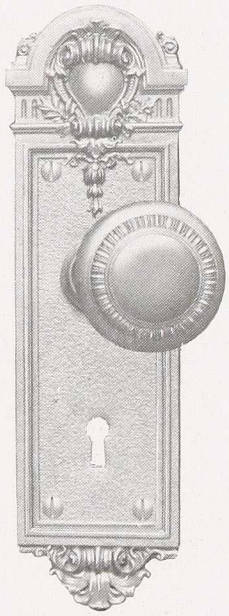
No. BD4092

Number	Size, Inches	Material	Description
BD14	6¼x 1¾	Cast Bronze	Escutcheon
BD15	6⅞x 1¾	Cast Bronze	Escutcheon
BD18	9⅜x 2⅝	Cast Bronze	Escutcheon
BD102	2	Cast Bronze	Door knobs, Model "C" spindle mountings
BD1990	4⅜x 2¼	Cast Bronze	Cylinder plate
BD2390	3¼x 1⅛	Cast Bronze	Lever
BD3290	3⅜x 1¾	Cast Bronze	Push button
BD3451	12¾x 2¾	Cast Bronze	Letter box plate—opening 1½"x7"
BD3452	12¾x 2¾	Cast Bronze	Letter box plate x back plate
BD3690	12¾x 2¾	Cast Bronze	Push plate
BD4092	6½x 1⅞	Cast Bronze	Door knocker
BD8090	5 x18	Cast Bronze	Hinge plate
BD8091	5 x24	Cast Bronze	Hinge plate
***BD8094**	5 x18	Cast Bronze	Curved hinge plate for right or left hand doors
***BD8095**	5 x24	Cast Bronze	Curved hinge plate for right or left hand doors
BD014	6¼x 1¾	Cast Iron	Escutcheon
BD015	6⅞x 1¾	Cast Iron	Escutcheon
BD0102	2	Cast Iron	Door knobs
BD02390	3¼x 1⅛	Cast Iron	Lever

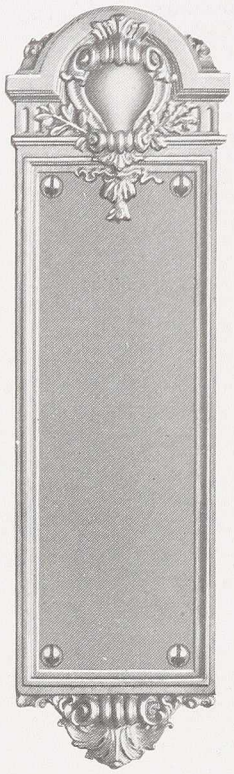
*Curved hinge plates are designed for doors 36" wide, with top of door on 18" radius, but can be used on doors 34" to 38" wide, with regular radius. Measurement is from hinged edge of door to end of plate. Be sure to state hand of door.
When ordering escutcheons only, specify lock with which they are to be used.
Standard Finishes—HD99 and HD21, specify finish.
For escutcheons with turn knobs, suffix Letter "T" to Number.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

GENOVA DESIGN SYMBOL GN

ITALIAN RENAISSANCE PERIOD
CAST BRONZE OR BRASS



No. GN102¼ x 14



No. GN3690

No. GN102¼ x 18

Number	Size, Inches	Description
GN14	8¾x2⅜	Escutcheon
GN18	11 x3	Escutcheon
GN102¼	2¼	Door knobs, Model "C" spindle mountings
GN102½	2½	Door knobs, Model "C" spindle mountings
GN3690	11 x3	Push plate
GN3690	17½x3⅜	Push plate
GN3890	11 x3	Door pulls x No. 3901 Grip. Refer to Page No. 180.
GN3890	17½x3⅜	Door pulls x No. 3903 Grip. Refer to Page No. 180.

For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
GN1120	Latch	120	3	GN102¼	GN14	GN14
GN1300	Inside doors	300	16	GN102¼	GN14	GN14
GN1480	Bathroom door	480	21	GN102¼	GN14	GN14T
GN1482	Communicating door	482	22	GN102¼	GN14T	GN14T
†**GN1670**	Cylinder, front door	670	32	GN102¼	GN18	GN14T
†**GN1670V**	Cylinder, vestibule door	670V	33	GN102¼	GN18	GN14

Packed each set in a box, complete with screws. For entrance handle set, refer to Page No. 251.
†Specify thickness of door. Specify Number and Finish. Refer to Page No. 32A for description of finish.

LIGURIA DESIGN

SYMBOL LG

ITALIAN RENAISSANCE PERIOD

CAST BRONZE OR BRASS

No. LG102¼ x LG14

No. LG3690

No. LG102¼ x LG18

Number	Size, Inches	Description
LG10	8 x2⅝	Escutcheon
LG11	6⅜x1⅛	Escutcheon
LG14	10⅝x2⅝	Escutcheon
LG16	12¾x3	Escutcheon
LG18	13¾x3	Escutcheon
LG30	10½x2⅝	Escutcheon for sliding door locks
LG101¾	1¾	Door knobs, Model "C" spindle mounting
LG102¼	2¼	Door knobs, Model "C" spindle mounting
LG102½	2½	Door knobs, Model "C" spindle mounting
LG3290	3½x2¼	Push button
LG3690	13¾x3	Push plate
LG3690	15½x3½	Push plate
LG3690	20 x3½	Push plate
LG3890	13¾x3	Door pull x No. 3901 Grip. Refer to Page No. 180.
LG3890	15½x3½	Door pull x No. 3902 Grip. Refer to Page No. 180.
LG3890	20 x3½	Door pull x No. 3903 Grip. Refer to Page No. 180.

For escutcheons with turn knobs, add Letter "T" to number. When ordering escutcheons only, specify lock with which they are to be used. Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
LG1120	Latch	120	3	LG102¼	LG14	LG14
LG1300	Inside door	300	16	LG102¼	LG14	LG14
LG1480	Bathroom door	480	21	LG102¼	LG14	LG14T
LG1482	Communicating door	482	22	LG102¼	LG14T	LG14T
†LG1670	Cylinder, front door	670	32	LG102¼	LG18	LG14T
†LG1670V	Cylinder, vestibule door	670V	33	LG102¼	LG14	LG14
†LG1670VZ	Cylinder, vestibule door	670V	33	LG102¼	LG16	LG14

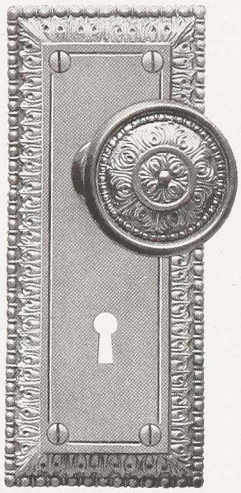
Packed each set in a box, complete with screws. †Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

LIPARI DESIGN

SYMBOL LI

ITALIAN RENAISSANCE PERIOD

CAST BRONZE OR BRASS



No. LI102¼ x LI14

No. LI3690

No. LI102¼ x LI18

Number	Size, Inches	Description
LI10	4⅝x2½	Escutcheon
LI11	4½x1⅛	Escutcheon
LI14	6⅞x2⅞	Escutcheon
LI16	8 x3	Escutcheon
LI18	9 x3⅛	Escutcheon
LI30	7⅞x3	Escutcheon for sliding door locks
LI102¼	2¼	Door knobs, Model "C" spindle mounting
LI102½	2½	Door knobs, Model "C" spindle mounting
LI3290	2¼x1⅞	Push button
LI3690	10¾x3¼	Push plate
LI3690	14½x2⅞	Push plate
LI3690	15 x2⅞	Push plate
LI3690	18 x4	Push plate
LI3690	20 x3½	Push plate
LI3690	20 x4	Push plate
LI3890	10¾x3¼	Door pull x No. 3901 Grip. Refer to Page No. 180.
LI3890	14½x2⅞	Door pull x No. 3902 Grip. Refer to Page No. 180.
LI3890	18 x2⅞	Door pull x No. 3904 Grip. Refer to Page No. 180.
LI3890	18 x4	Door pull x No. 3904 Grip. Refer to Page No. 180.
LI3890	20 x3½	Door pull x No. 3904 Grip. Refer to Page No. 180.
LI3890	20 x4	Door pull x No. 3904 Grip. Refer to Page No. 180.
LI4290	1¾x6	Bar sash lift
LI4390	1¾x4¼	Flush sash lift

For escutcheons with turn knobs, suffix Letter "T" to number. When ordering escutcheons only, specify locks with which they are to be used. Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
LI1120	Latch	120	3	LI102¼	LI14	LI14
LI1300	Inside door	300	16	LI102¼	LI14	LI14
LI1480	Bathroom door	480	21	LI102¼	LI14	LI14T
LI1482	Communicating door	482	22	LI102¼	LI14T	LI14T
†**LI1670**	Cylinder, front door	670	32	LI102¼	LI18	LI14T
†**LI1670V**	Cylinder, vestibule door	670V	33	LI102¼	LI18	LI14
†**LI1670VZ**	Cylinder, vestibule door	670V	33	LI102¼	LI16	LI14

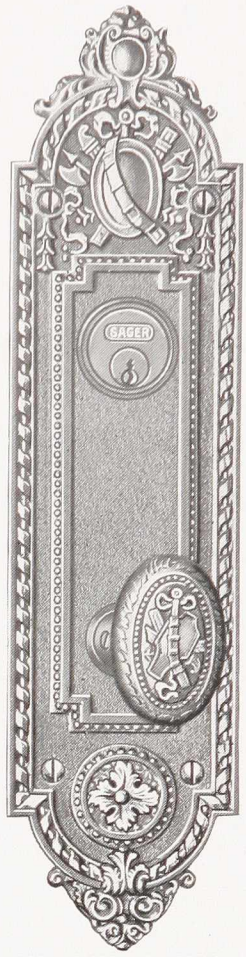
Packed each set in a box, complete with screws. †Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

SALERNO DESIGN SYMBOL SN

ITALIAN RENAISSANCE PERIOD
CAST BRONZE OR BRASS

No. SN3690

No. SN102¼ x SN14



No. SN102¼ x SN18

Number	Size, Inches	Description
SN14	10½x2½	Escutcheon
SN16	11¼x2½	Escutcheon
SN18	13½x3⅜	Escutcheon
SN30	10½x2½	Escutcheon for sliding door locks
SN102¼	2⅝x1½	Door knobs, Model "C" spindle mounting
SN102½	2¾x1⅝	Door knobs, Model "C" spindle mounting
SN3290	5¼x1⅝	Push button
SN3690	13½x3⅜	Push plate
SN3890	13½x3⅜	Door pull x No. 3901 Grip. Refer to Page No. 180.

For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

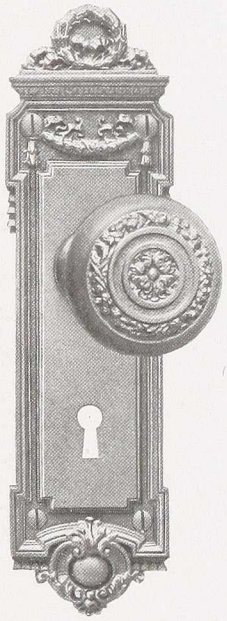
CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
SN1120	Latch	120	3	SN102¼	SN14	SN14
SN1300	Inside door	300	16	SN102¼	SN14	SN14
SN1480	Bathroom door	480	21	SN102¼	SN14	SN14T
SN1482	Communicating door	482	22	SN102¼	SN14T	SN14T
†SN1670	Cylinder, front door	670	32	SN102¼	SN18	SN14T
†SN1670V	Cylinder, vestibule door	670V	33	SN102¼	SN18	SN14T

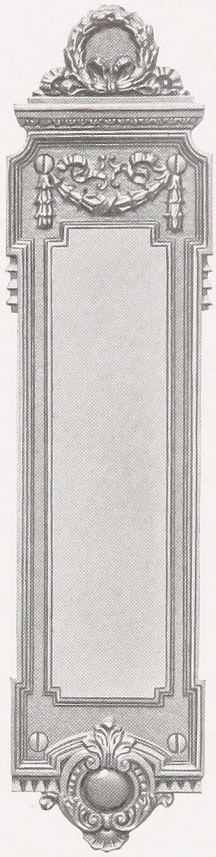
Packed each set in a box, complete with screws. †Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

DIJON DESIGN SYMBOL DJ

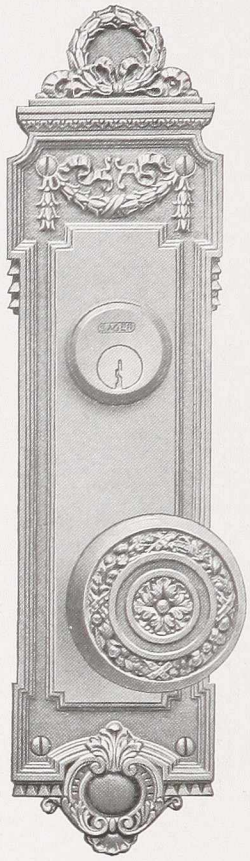
LOUIS XIV RENAISSANCE PERIOD
CAST BRONZE OR BRASS



No. DJ102¼ x DJ14



No. DJ3690



No. DJ102¼ x DJ18

Number	Size, Inches	Description
DJ11	5¾x1⅛	Escutcheon
DJ14	9 x2½	Escutcheon
DJ18	12 x3	Escutcheon
DJ30	9 x2½	Escutcheon for sliding door locks
DJ102¼	2¼	Door knobs, Model "C" spindle mountings
DJ102½	2½	Door knobs, Model "C" spindle mountings
DJ3290	4¾x1¾	Push button
DJ3690	12 x3	Push plate
DJ3690	21 x3¾	Push plate
DJ3890	12 x3	Door pull x No. 3901 grip. Refer to Poge No. 180.
DJ3890	21 x3¾	Door pull x No. 3904 grip. Refer to Page No. 180.
DJ3991	7⅜x1⅛	Grip only—6″ centers
DJ4290	1⅝x6¼	Bar sash lift
DJ4390	1¾x4⅞	Flush sash lift

For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mounting

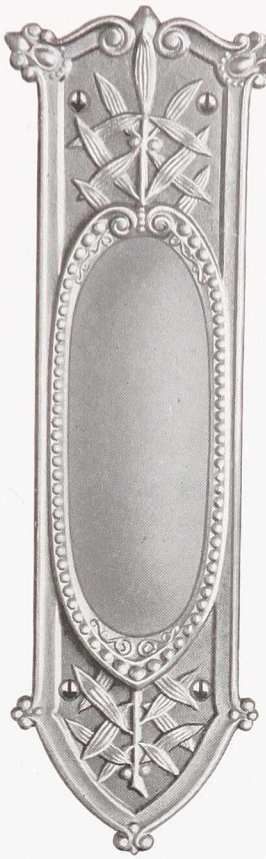
Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
DJ1120	Latch	120	3	DJ102¼	DJ14	DJ14
DJ1300	Inside door	300	16	DJ102¼	DJ14	DJ14
DJ1480	Bathroom door	480	21	DJ102¼	DJ14	DJ14T
DJ1482	Communicating door	482	22	DJ102¼	DJ14T	DJ14T
†DJ1670	Cylinder, front door	670	32	DJ102¼	DJ18	DJ14T
†DJ1670V	Cylinder, vestibule door	670V	33	DJ102¼	DJ18	DJ14

Packed each set in a box, complete with screws.
†Specify thickness of door. Specify Number and Finish. Refer to Page No. 32A for description of finish.

RAVENEAU DESIGN SYMBOL RN

CAST BRONZE OR BRASS

No. RN102¼ x RN14



No. RN3690

No. RN102¼ x RN18

Number	Size, Inches	Description
RN14	8⅞x3¼	Escutcheon
RN15	10 x3¼	Escutcheon
RN16	10¾x3¼	Escutcheon
RN18	12¼x3½	Escutcheon
RN30	8⅞x3¼	Escutcheon for sliding door locks
RN102¼	2¼	Door knobs, Model "C" spindle mountings
RN102½	2½	Door knobs, Model "C" spindle mountings
RN3690	12¼x3½	Push plate
RN3690	16 x4⅜	Push plate
RN3890	12¼x3½	Door pull x No. 3901 Grip. Refer to Page No. 180.
RN3890	16 x4⅜	Door pull x No. 3903 Grip. Refer to Page No. 180.
RN4390	2 x6½	Flush sash lift

For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

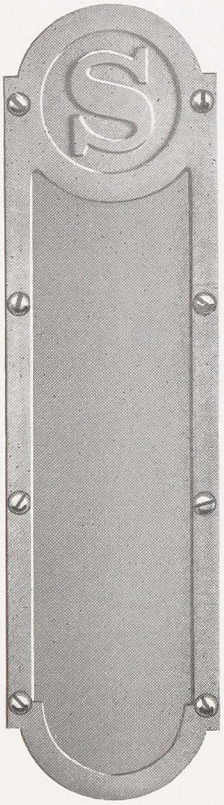
Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
RN1120	Latch	120	3	RN102¼	RN14	RN14
RN1300	Inside door	300	16	RN102¼	RN14	RN14
RN1480	Bathroom door	480	21	RN102¼	RN14	RN14T
RN1482	Communicating door	482	22	RN102¼	RN14T	RN14T
†**RN1670**	Cylinder, front door	670	32	RN102¼	RN18	RN14T
†**RN1670V**	Cylinder, vestibule door	670V	33	RN102¼	RN18	RN14

Packed each set in a box, complete with screws. †Specify thickness of door.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

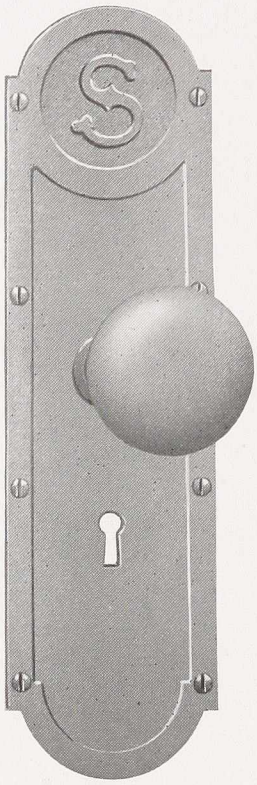
LOWELL DESIGN SYMBOL LW

CAST BRONZE OR BRASS

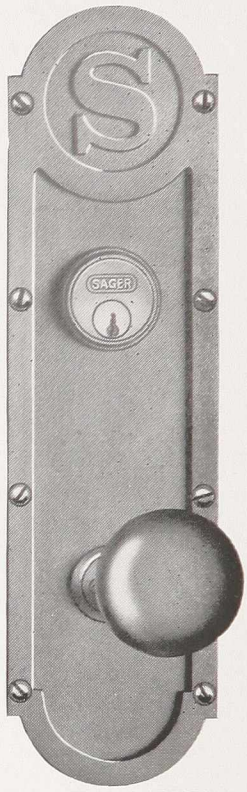
Monograms of different types may be used on these Escutcheons



No. LW3690



No. LW102¼ x LW16



No. LW102¼ x LW16

Number	Size, Inches	Description
LW16	11x3	Escutcheon
LW102¼	2¼	Door knobs, Model "C" spindle mountings
LW102½	2½	Door knobs, Model "C" spindle mountings
LW3690	11x3	Push plate
LW3690	16x3	Push plate
LW3690	16x4	Push plate
LW3690	20x4	Push plate
LW3890	11x3	Door pull x No. 3901 Grip. Refer to Page No. 180.
LW3890	16x3	Door pull x No. 3903 Grip. Refer to Page No. 180.
LW3890	16x4	Door pull x No. 3903 Grip. Refer to Page No. 180.
LW3890	20x4	Door pull x No. 3904 Grip. Refer to Page No. 180.

For escutcheons with turn knobs, suffix Letter "T" to number.
When ordering escutcheons only, specify lock with which they are to be used.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

CAST BRONZE OR BRASS LOCKSETS—With Model "C" Spindle Mountings

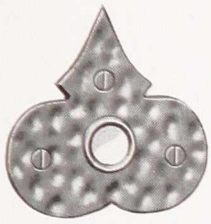
Number	Description	Lock		Knobs	Escutcheons	
		Number	Page		Outside	Inside
LW1120	Latch	120	3	LW102¼	LW16	LW16
LW1300	Inside door	300	16	LW102¼	LW16	LW16
LW1480	Bathroom door	480	21	LW102¼	LW16	LW16T
LW1482	Communicating door	482	22	LW102¼	LW16T	LW16T
†LW1670	Cylinder, front door	670	32	LW102¼	LW16	LW16T
†LW1670V	Cylinder, vestibule door	670V	33	LW102¼	LW16	LW16

Packed each set in a box, complete with screws. For entrance handle set, refer to Page No. 251.
†Specify thickness of door. Specify Number and Finish. Refer to Page No. 32A for description of finish.

HAMBURG DESIGN SYMBOL HB
HANCOCK DESIGN SYMBOL HC
HELLER DESIGN SYMBOL HE

(IMITATION HAMMERED FINISH)

CAST BRONZE OR BRASS



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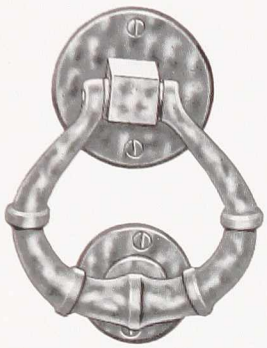

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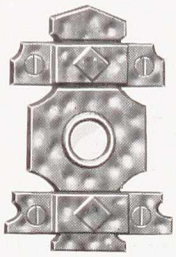

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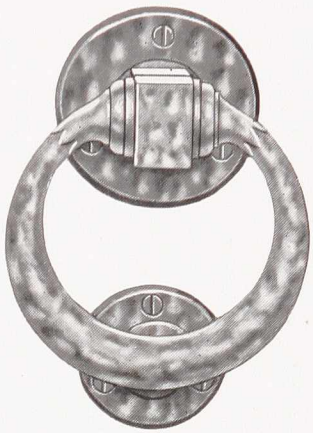

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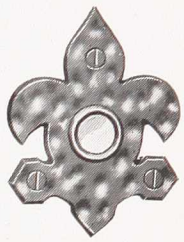

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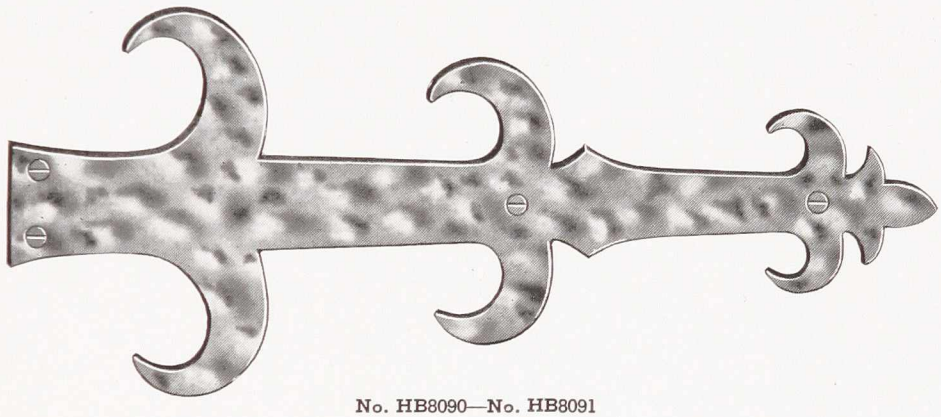


No. HB8090—No. HB8091

Number	Design	Size, Inches	Description
HB3290	Hamburg	2⅞x 3	Push button
HB4090	Hamburg	6¼x 4½	Door knocker
HB8090	Hamburg	7½x18	Hinge plate
HB8091	Hamburg	9 x25	Hinge plate
HC3290	Hancock	3½x 2½	Push button
HC4090	Hancock	5¼x 4	Door knocker
HE3290	Heller	4 x 3	Push button

Standard Finish—HD99.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

[FUTURE DESIGNS]

SAGER Locks

FILE BETWEEN

SAGER
DOOR CLOSERS

DOOR CLOSER SPECIFICATIONS

Door Closers shall be rack and pinion type. They shall be designed to check the door in its opening swing where required. SPRING shall be flat motor clock type. LIQUID shall be mineral oil, non-gumming, and non-evaporating. RACK and PINION must be cold rolled steel. Where Holder Arm Closers are used, they shall be FRICTION type with brass washer between discs to prevent corrosion.

Closers shall bear a two year factory guarantee.

The successful bidder is requested to keep in touch with the progress of the job and have a factory representative visit the building to see that Closers are properly adjusted at the completion of the installation.

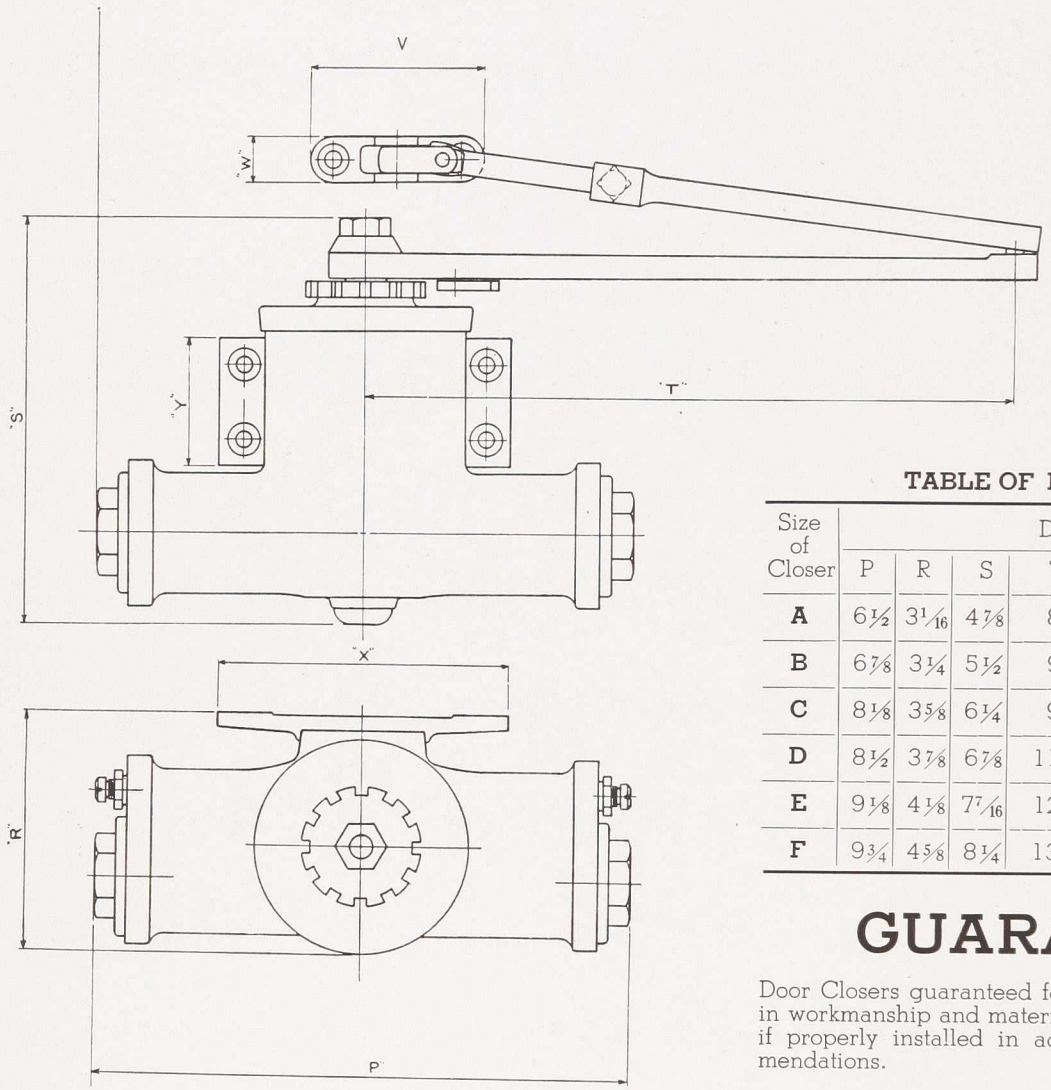


TABLE OF DIMENSIONS

Size of Closer	Dimensions							
	P	R	S	T	V	W	X	Y
A	6 1/2	3 1/16	4 7/8	8	2 5/16	11/16	3 3/8	1 1/2
B	6 7/8	3 1/4	5 1/2	9	2 5/16	11/16	3 15/16	1 3/4
C	8 1/8	3 5/8	6 1/4	9 3/4	2 7/16	11/16	4 7/16	1 15/16
D	8 1/2	3 7/8	6 7/8	11	2 7/16	11/16	4 7/8	2 1/4
E	9 1/8	4 1/8	7 7/16	12	2 5/8	3/4	5 1/4	2 3/8
F	9 3/4	4 5/8	8 1/4	13	2 5/8	3/4	5 3/4	2 5/8

GUARANTEE

Door Closers guaranteed for two years against defects in workmanship and material if proper size is used and if properly installed in accordance with our recommendations.

FINISHES

All Door Closers will be shipped in **Gold Bronze** Finish unless otherwise specified. The following finishes can be furnished at the same price, by specifying:

Gold Bronze, Dark Maroon, Silver Bronze and Dead Black.

The following metals and finishes can be furnished at additional price:

IRON PLATED

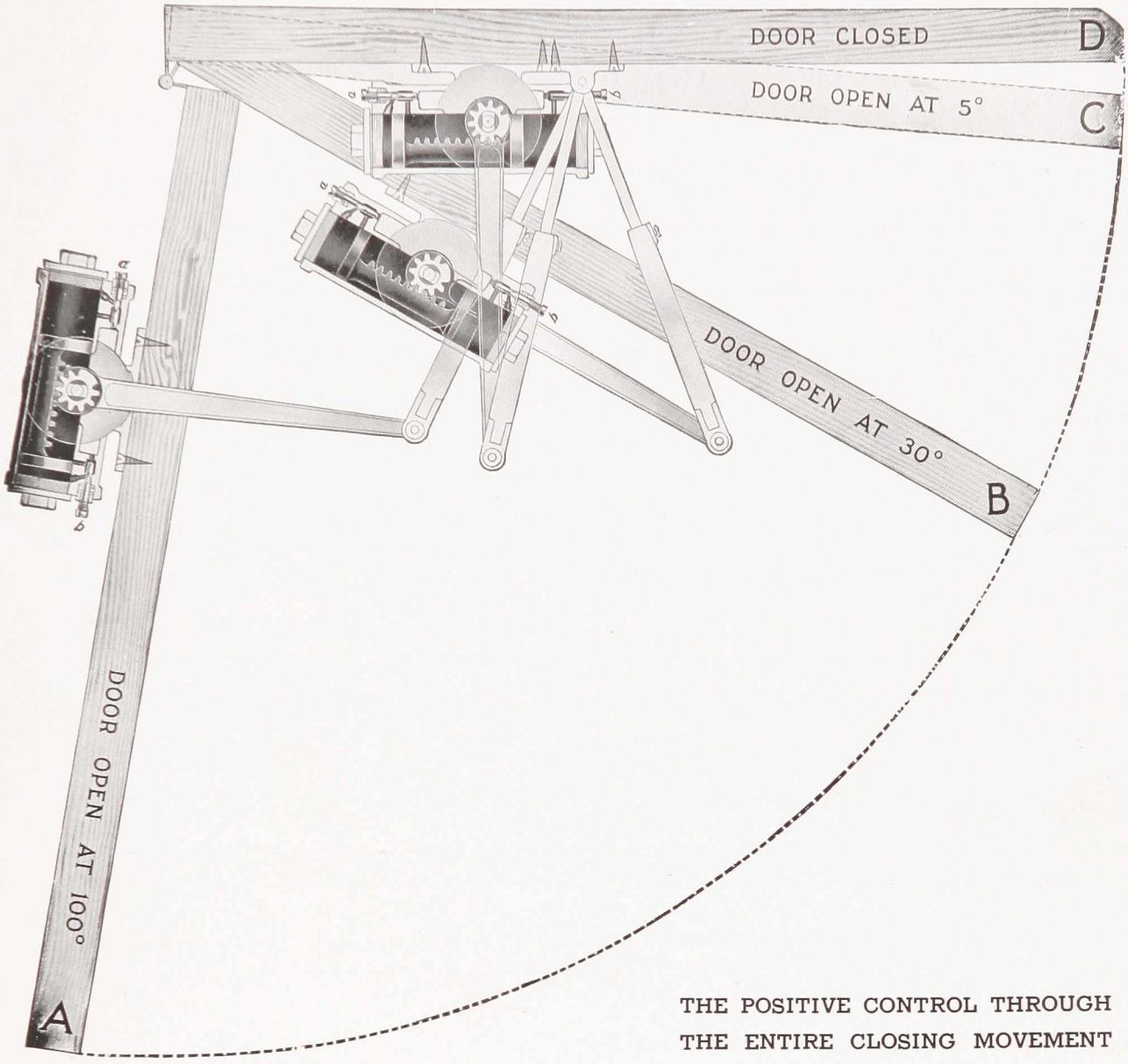
Special Paint Finish
Bronze Plate, Polished
Bronze Plate, Unpolished
Nickel Plate, Polished
Nickel Plate, Unpolished
Statuary Bronze Plate, Polished
Statuary Bronze Plate, Unpolished
Chromium Plate, Polished

When ordering be sure to specify Type, Size and Finish.

BRONZE METAL

Bronze, Polished, Natural Color
Bronze, Unpolished, Natural Color
Nickel Plate, Polished
Nickel Plate, Unpolished
Statuary Bronze, Polished
Statuary Bronze, Unpolished
Chromium Plate, Polished

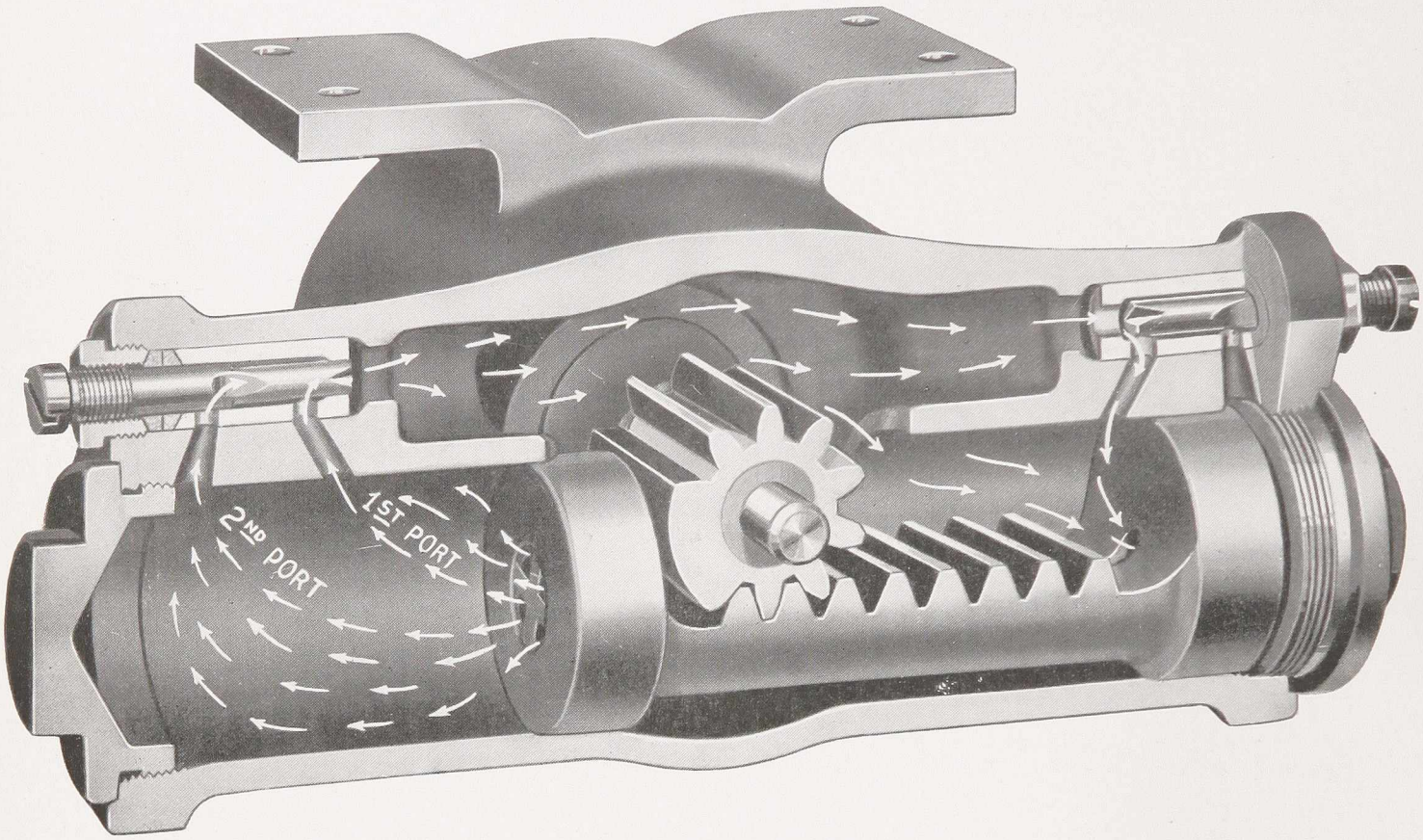
POSITIVE CONTROL OF THE RACK AND PINION TYPE CLOSER



THE POSITIVE CONTROL THROUGH THE ENTIRE CLOSING MOVEMENT

In the rack and pinion type the piston is moved back and forth by a pinion working in a rack. No dead center, the piston move at uniform speed from "A" to "C". The instant the door starts to close the checking begins controlling the movement of the door at any speed desired. At "C" the speed can be regulated to fast or slow by adjusting screw nearest the hinge. This two speed action is secured by one regulating screw, combined with the rack and pinion movement. The Sager causes NO STRAIN ON HINGES AND DOORS.

SPECIAL LUBRICATION FEATURES



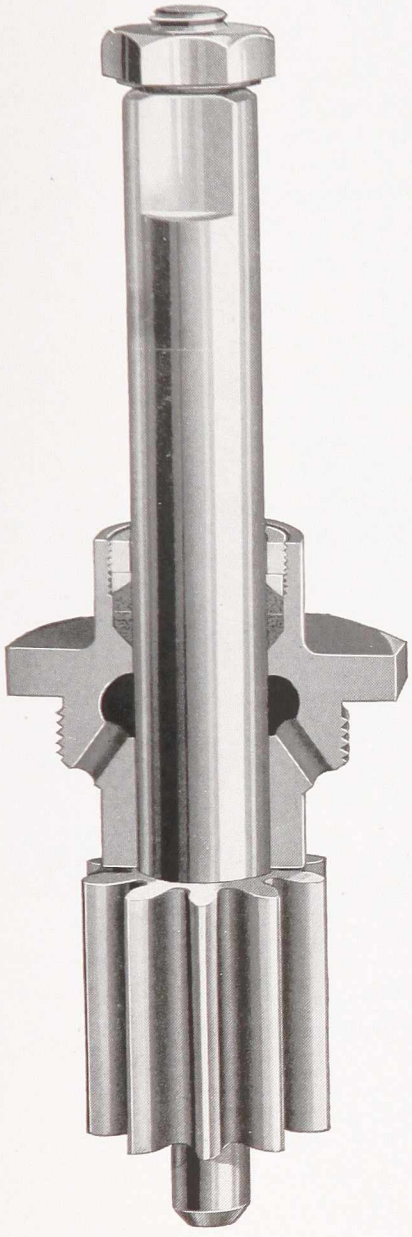
All internal working parts and the end plugs are of steel, making it possible to machine each part to a high degree of accuracy and precision.

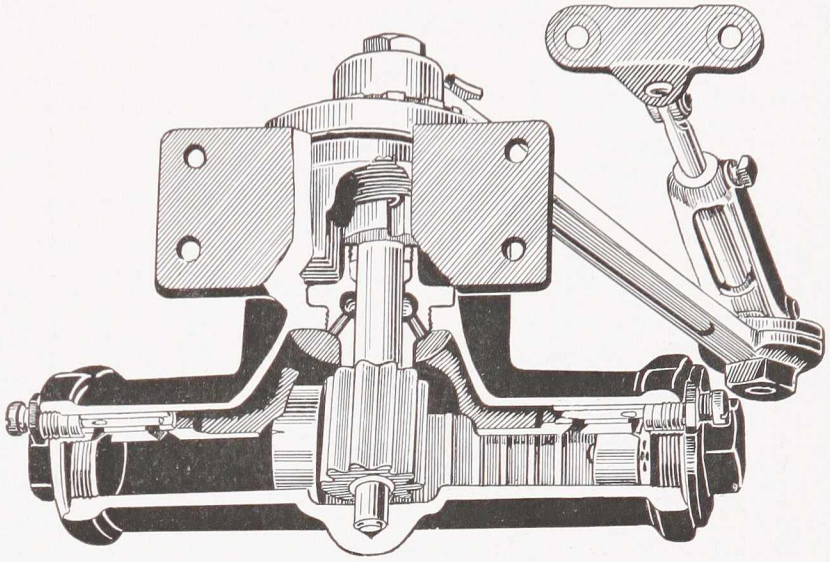
Only two parts in the entire closer are grey iron. (1) The shell, made of the finest quality special analysis grey iron, is smooth and neat yet strong and non-porous. (2) An iron ratchet working against a steel cover is all grey iron annealed or normalized to prevent misalignment in usage.

The new special process tempered steel spring, having more flexibility and power, practically eliminates spring breakage. The power of the Sager Door Closer is guaranteed to be unsurpassed. The arms are made of certified malleable iron and will not break.

Throughout the entire manufacture only durable and carefully selected materials are used. These correctly engineered parts are properly lubricated as only Sager lubricates their door closers—adding many years of service for Sager owners.

LEAKPROOF SHAFT AND PACKING NUT

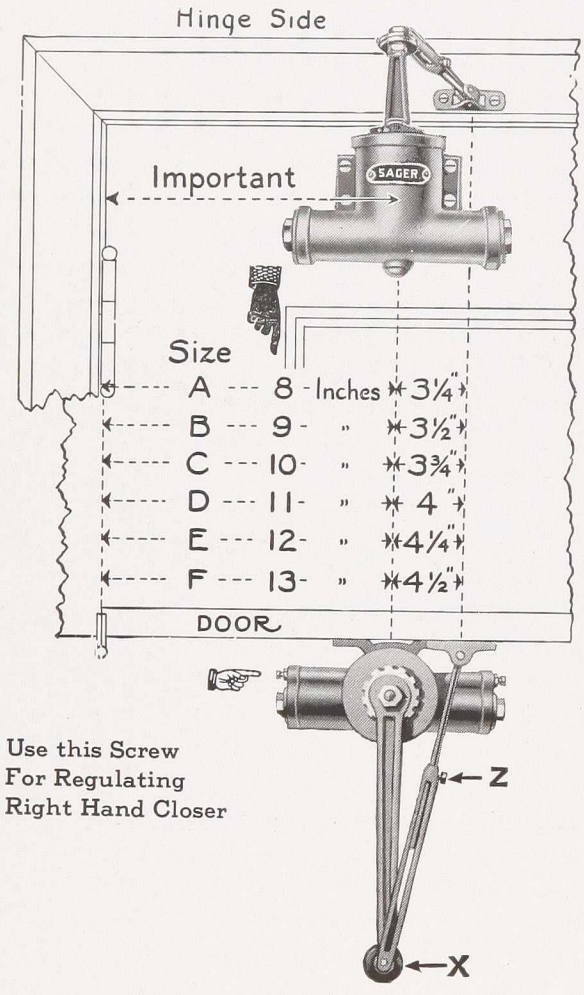




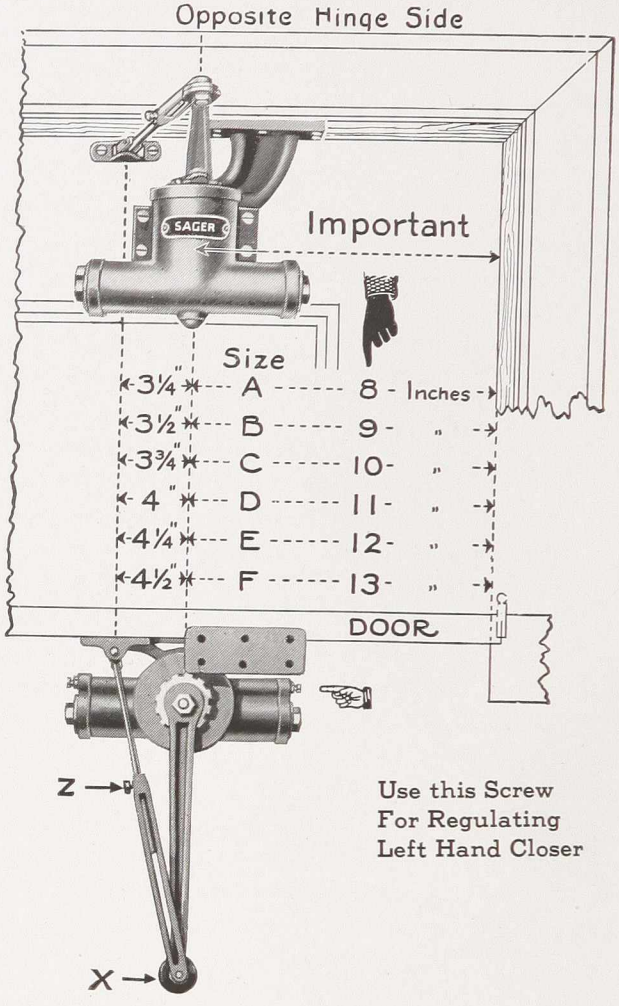
These Door Closers have a new packing nut which is absolutely leakproof. It permits the use of mineral oil, which is more difficult to hold in the closer than glycerine and alcohol, but which has proved far better because of its low evaporating potentialities and its lubricating qualities. (Glycerine and alcohol have practically no lubricating qualities, becoming a gummy mass when the alcohol evaporates. This clogs the closer and ruins the efficiency of the spring.

The lower part of the packing nut forms a long bearing to prevent side-thrust of the shaft (lubricated from the piston chamber). The clearance between the shaft and packing nut is accurately machined to one-half thousandth of an inch, just enough to allow oil to pass. The oil collects in the reservoir above the bearing and returns to the piston chamber through drip holes. The oil can never climb above the reservoir because capillary attraction is broken at this point. The problem of leakage is solved—practically no friction and wear and always proper lubrication for all working parts.

HOW TO INSTALL DOOR CLOSERS ON DOORS OPENING 100 DEGREES ONLY



Use this Screw For Regulating Right Hand Closer



Use this Screw For Regulating Left Hand Closer

I. 1—Screw the closer on the door high enough so the arm will clear the door in opening, and out the correct distance from hinge as shown or, if a bracket is used, screw it to the overhead jamb as close as possible to the door and out the correct distance.

2—Screw the forearm shoe to the casing, or door, the correct distance as shown.

3—Place arm on shaft. If holder arm is used, adjusting nut X should be on underside of arm. Leave the main arm at right angles to the door when closed and tighten set screw Z.

4—Screw the nut down TIGHT on top of shaft.

II. Wind the spring 6 or 7 notches except for doors opening out when 3 or 4 notches will suffice. Be sure SPRING IS NOT WOUND WRONG WAY! For right hand closer wind spring anti-clockwise. Left hand closer wind spring clockwise. The HAND of a closer can be determined by the position of the coil hooks at the back of the cover.

III. 1—**To Regulate Closing Use Only the Screw Nearest the Hinge of the Door.**

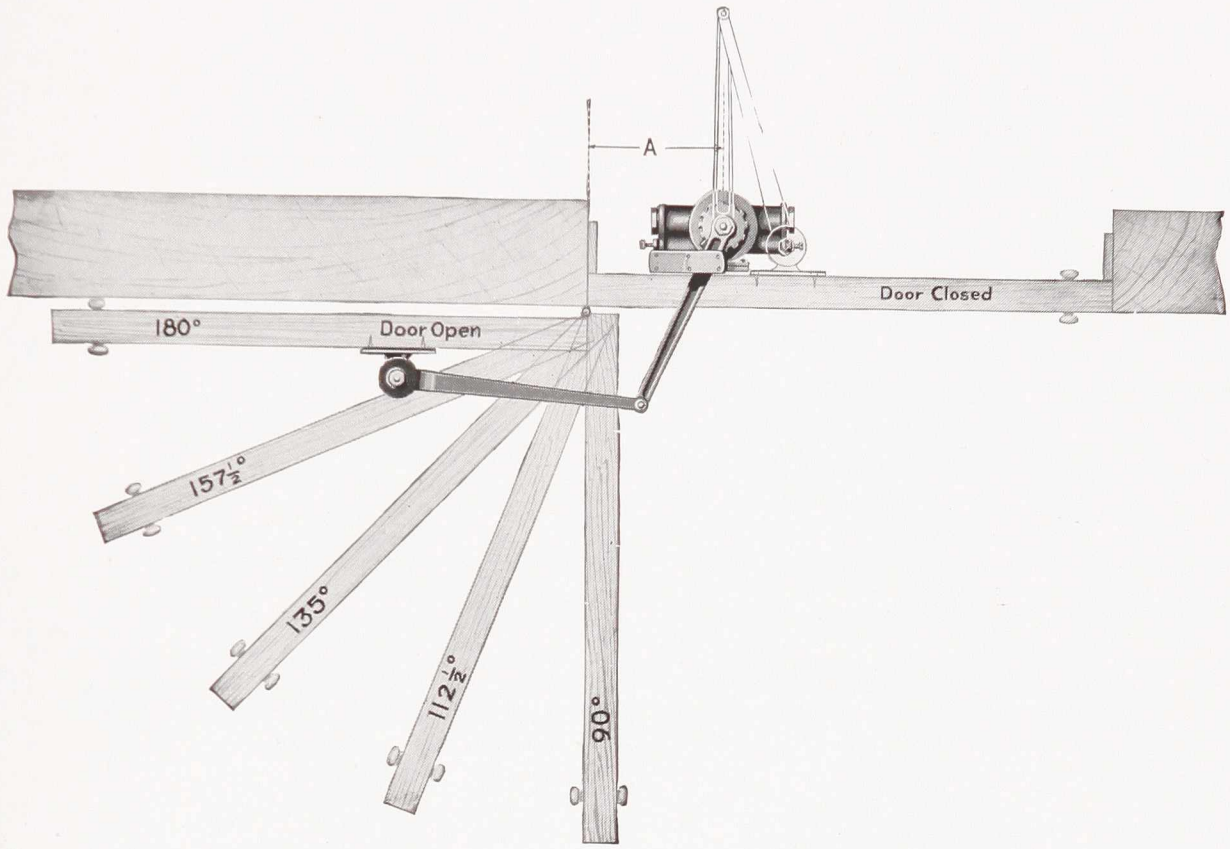
2—Turn this screw in several turns, leaving screw driver slot in a vertical position, until door comes to a solid stop, about 6 inches from the jamb. Then turn the screw just a little either to the right or left until the speed is right at the latch.

Note—If door still closes too rapidly, one or two complete turns, leaving the screw adjusted as above (Third No. 2), will correct this.

IV. To adjust arm, open door to where it is to stop and tighten nut "X". A push or pull on the door will set or release the arm.

V. **To Change the Hand of a Closer**—Remove arm, ratchet and cover. Turn the spring over. Revolve the shaft or spindle one-half turn. Replace parts. Replace holder arm as per directions above. (First No. 3.)

HOW TO INSTALL DOOR CLOSERS ON DOORS TO OPEN AT DIFFERENT ANGLES FROM 100 DEGREES TO 180 DEGREES



The following figures apply to the liquid door closer with regular arms, holder arms and fusible link arms installed on a bracket. The same figures can be used for closers attached to the hinge side of a door opening to 135 degrees.

Where 5″ x 5″ butts or larger are used, order extra long arms.

To open door to the different angles or degrees as shown in above drawing, the distance "A" should be as follows:

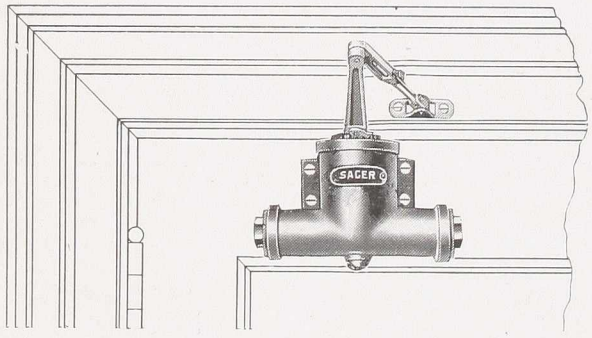
This illustration shows closer installed with 180° Hold Open Arm. Regular arm can be installed the same way.

To Open	Dimension	Size Closer, Inches					
		A	B	C	D	E	F
100°	A	8	9	10	11	12	13
112½°	A	7	8	9	10	11	12
135°	A	5½	6	7	7½	8	8½
157½°	A	5	6	7	8	9	10
180°	A	4½	5	6	6½	7	7½

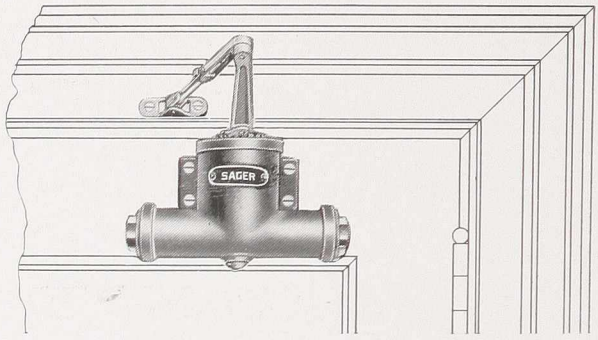
The installation of this type of door closer is simple and requires only the normal amount of attention to instructions as every detail has been engineered for exactness and carefully planned dimensions are given in order to insure the most efficient operation of the closers.

TYPICAL DOOR CLOSER INSTALLATIONS

HINGE SIDE



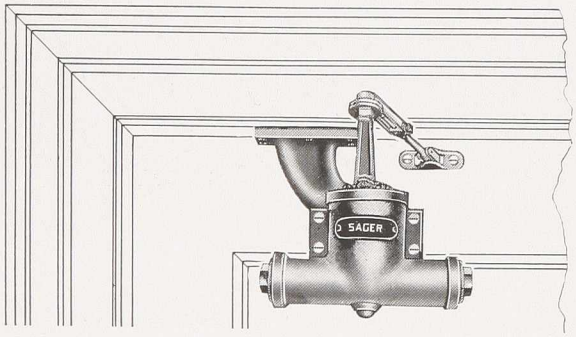
Right-Hand Closer on Right-Hand Door



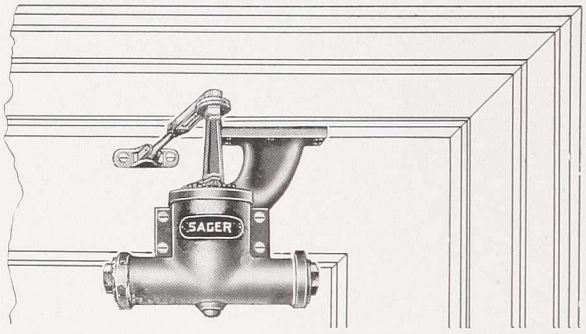
Left-Hand Closer on Left-Hand Door

OPPOSITE THE HINGE SIDE ON A BRACKET

When a closer is installed on a bracket it is the opposite hand to the door.

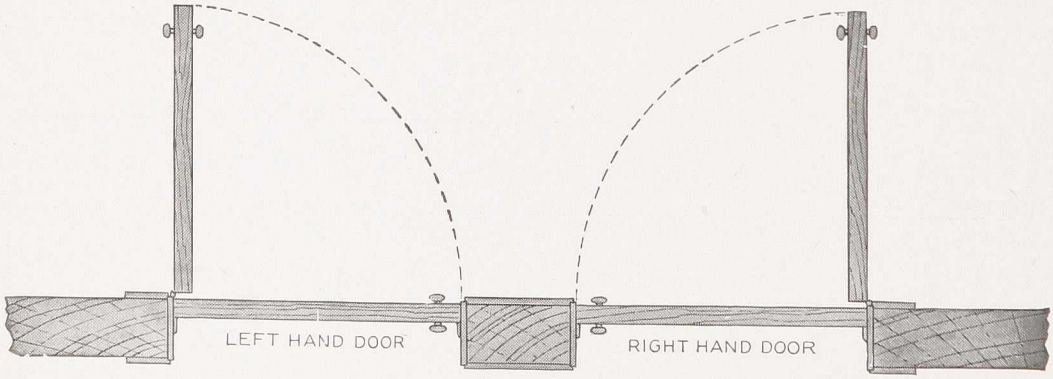


Right-Hand Closer on Opposite Hinge Side of a Left-Hand Door



Left-Hand Closer on Opposite Hinge Side of a Right-Hand Door

HOW TO DETERMINE THE HAND OF A DOOR



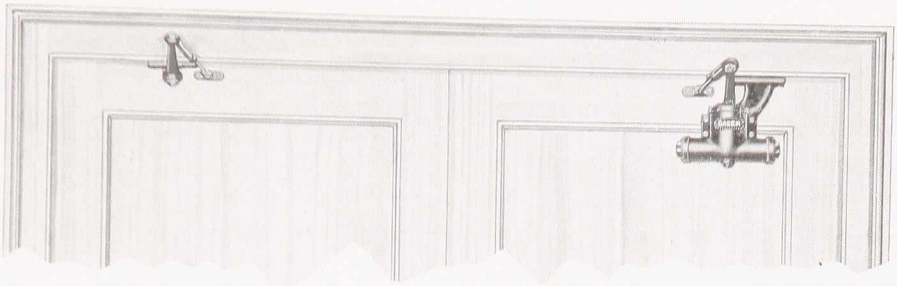
Use Left Hand Closer Regular
Use Right Hand Closer when used with Bracket

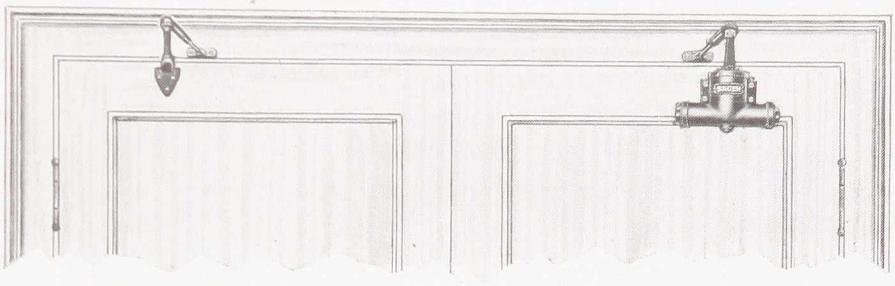
It is a Left Hand Door
if it swings to the left

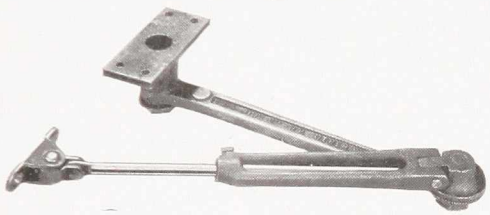
Use Right Hand Closer Regular
Use Left Hand Closer when used with Bracket

It is a Right Hand Door
if it swings to the right

HOLDER ARMS WITH SOFFIT POST AND HINGE SIDE BRACKETS







DESCRIPTION

The Holder Arm with Soffit Post Bracket illustrated at the top of this page is intended to be used on the standing door of a pair of doors. The appearance then is similar to that of the operating door which is equipped with a Sager Holder Arm Closer on a soffit bracket. This arm is illustrated in greater detail in the lower left hand cut.

When you want to put the closer and this arm on the hinge side of the doors, we can supply the arm with a hinge side bracket. The installation is shown in the middle illustration and the arm in the lower right hand cut.

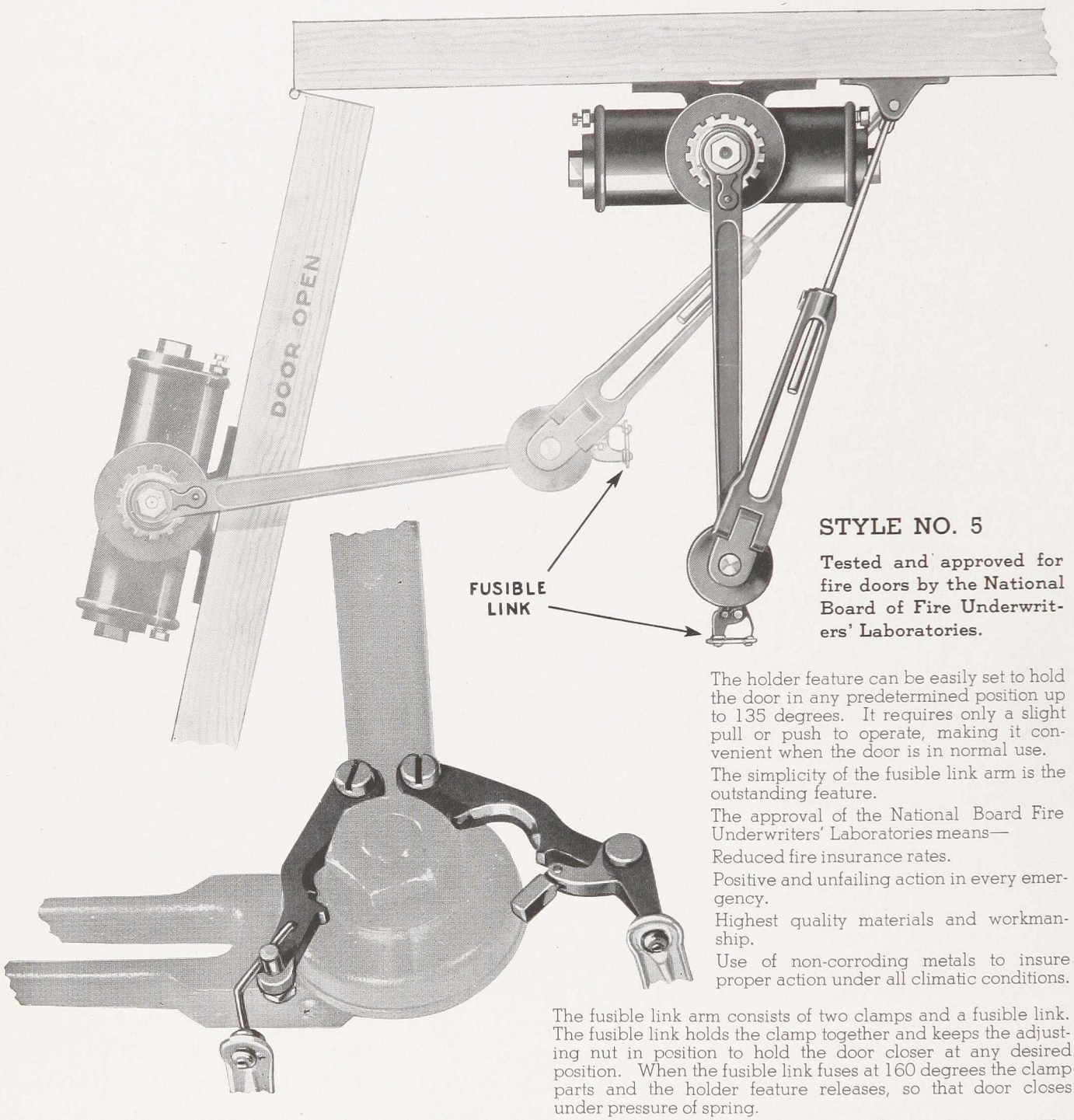
This type of equipment is especially useful on doors to auditoriums and gymnasiums. While a crowd is entering, the operating door only is open and is held open by the holder arm on the closer. While the crowd is leaving, both doors are open and are held in position by the holder arms.

HOLDER ARMS USED IN PLACE OF CLOSER ON INACTIVE DOOR

Size	Description
C-SP	With soffit bracket, for application opposite side from hinges
D-SP	With soffit bracket, for application opposite side from hinges
E-SP	With soffit bracket, for application opposite side from hinges
F-SP	With soffit bracket, for application opposite side from hinges
C-HS	With bracket, for application same side as hinges
D-HS	With bracket, for application same side as hinges
E-HS	With bracket, for application same side as hinges
F-HS	With bracket, for application same side as hinges

Closers and bracket not included. Specify at additional price.
Gold Bronze Finish will be shipped unless otherwise specified. Page No. 414.
Packed, one wrapped, with screws.

FUSIBLE LINK DOOR CLOSER



STYLE NO. 5

Tested and approved for fire doors by the National Board of Fire Underwriters' Laboratories.

The holder feature can be easily set to hold the door in any predetermined position up to 135 degrees. It requires only a slight pull or push to operate, making it convenient when the door is in normal use.

The simplicity of the fusible link arm is the outstanding feature.

The approval of the National Board Fire Underwriters' Laboratories means—

Reduced fire insurance rates.

Positive and unfailing action in every emergency.

Highest quality materials and workmanship.

Use of non-corroding metals to insure proper action under all climatic conditions.

The fusible link arm consists of two clamps and a fusible link. The fusible link holds the clamp together and keeps the adjusting nut in position to hold the door closer at any desired position. When the fusible link fuses at 160 degrees the clamp parts and the holder feature releases, so that door closes under pressure of spring.

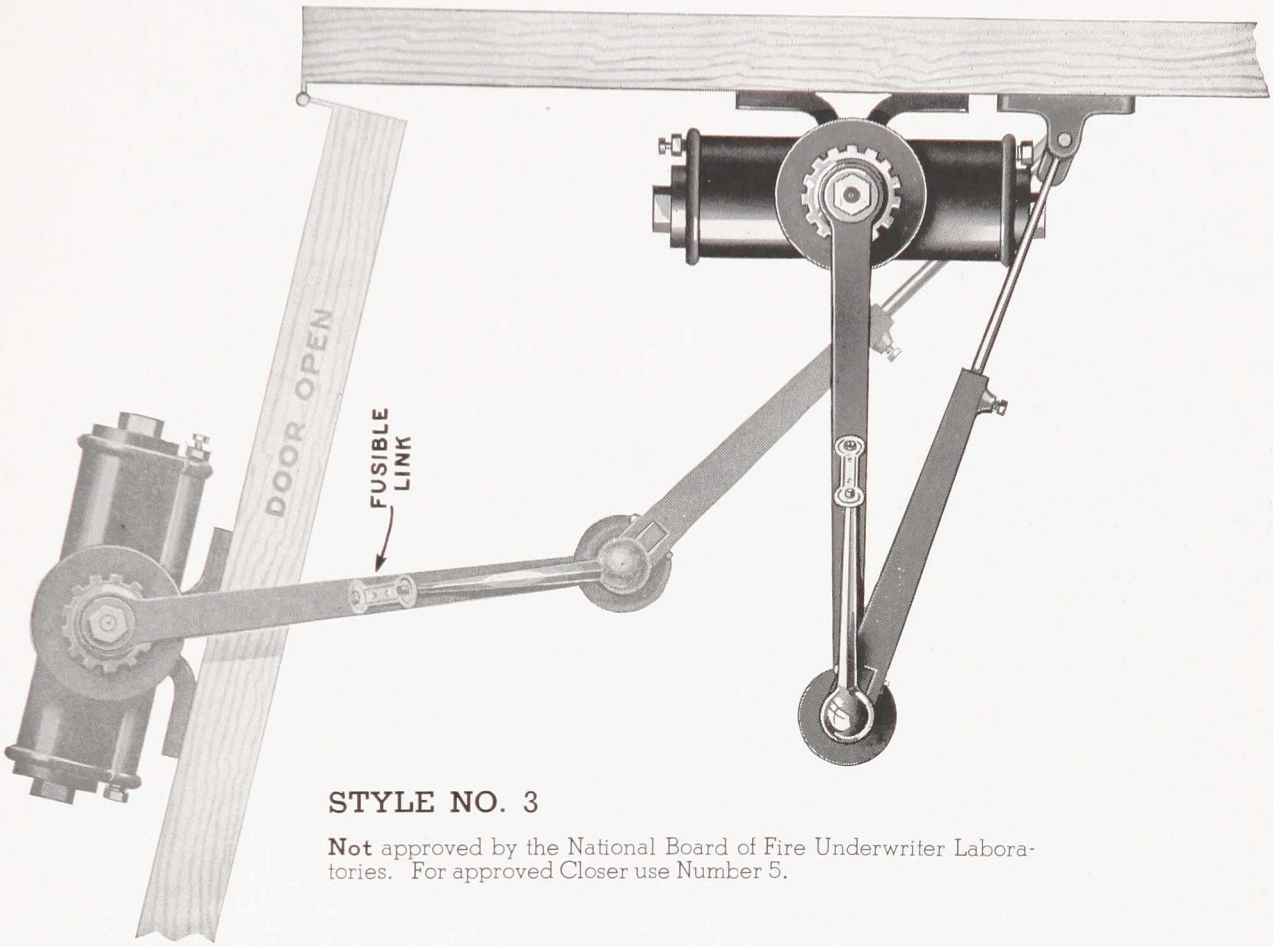
The Number 5 Door Closer can be applied on hinge side of right or left hand door or on opposite side with a bracket. The door is under perfect control until it is latched. It can be adjusted by screw so it will close slowly and silently or with release action so when door is closed, checking power is released and the full spring power will snap the door closed. Standard arms permit door to open 135 degrees. Can furnish special arms to open door 180 degrees at additional price.

REVERSIBLE—For Right or Left Hand, by Reversing Spring

Number	Material	For Metal Doors where Normal Conditions Prevail	Packed in Case
5C	Iron	Corridor and office doors, 3'x7'x1 ¾"	12
5D	Iron	Exterior doors and heavy interior doors, 4'x7'x2 ¼"	12
5E	Iron	Heavy exterior doors and heavy interior doors, subject to strong draft, 3'6"x7'6"x2 ¼"	12
5F	Iron	Extra heavy exterior doors of unusual height and width	6

Doors with heavy glass panels and doors subject to unusual drafts require larger closers than wood doors of equal size. Specify if regulating key instead of regulating screw is required. Page No. 427. Specify if "Bronze Metal" closer is required. Gold Bronze Finish will be shipped unless otherwise specified. Page No. 414. Packed one in a box, with screws.

FUSIBLE LINK DOOR CLOSER



STYLE NO. 3

Not approved by the National Board of Fire Underwriter Laboratories. For approved Closer use Number 5.

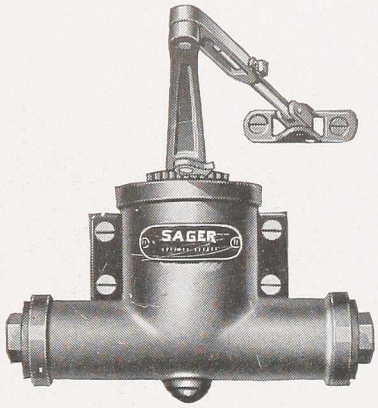
The Number 3 Door Closer can be applied on the hinge side of right or left hand door or on the opposite side with a bracket. The door is under perfect control until it is latched. It can be adjusted by screw so it will close slowly and silently or with release action so when door is almost closed checking power is released and the full spring power will snap door closed. The fusible link fuses at 160 degrees. Standard arms permit door to open 135 degrees. Can furnish special arms to open door 180 degrees at additional price.

NOT REVERSIBLE—Specify Hand. When Used with Bracket Turn Arms Upside Down.

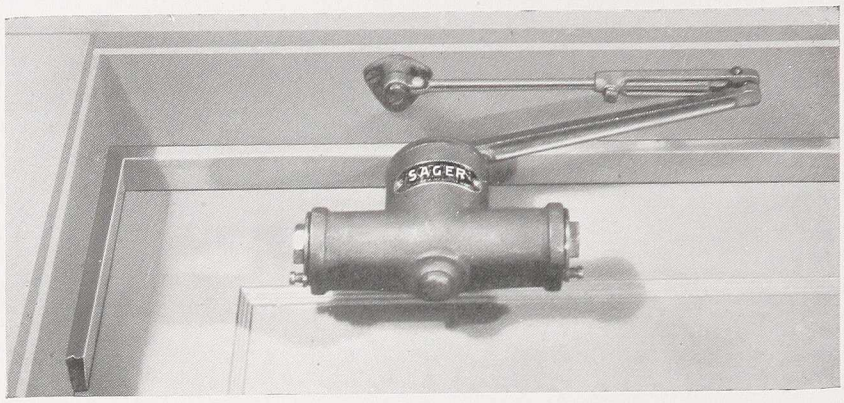
Number	Material	For Metal Doors where Normal Conditions Prevail	Packed in Case
3C	Iron	Corridor and office doors, 3'x7'x1¾"	12
3D	Iron	Exterior doors and heavy interior doors, 3'x7'x2¼"	12
3E	Iron	Heavy exterior doors and heavy interior doors, subject to strong draft, 3'6"x7'6"x2¼"	12
3F	Iron	Extra heavy exterior doors of unusual height and width	6

Doors with heavy glass panels and doors subject to unusual drafts require larger closers than wood doors of equal size.
Specify if regulating key in place of regulating screw is required. Page No. 427.
Specify if solid bronze metal closer is required.
Gold Bronze Finish will be shipped unless otherwise specified. Page No. 414.
Packed one in a box, with screws.

DOOR CLOSERS



Door Closer with Regular Arm



Door Closer with Parallel Arm

REGULAR ARM DOOR CLOSER

The Regular Arm Door Closer can be applied on the hinge side of a right or left hand door or on the opposite side with bracket. The door is under perfect control until it is latched. It can be adjusted by screw so it will close slowly and silently or with "release action" so when door is almost closed the checking power is released and the full spring power snaps the door closed. The regular arm will permit the door to open up to 135 degrees. If up to 180 degree opening is required, the closer can be moved towards the hinge jamb, as shown on Page No. 400, which decreases the spring power, or by using extra long arm which must be specified.

REVERSIBLE FOR RIGHT OR LEFT HAND DOOR BY REVERSING SPRING

Size	Material	For Wood Doors where Normal Conditions Prevail	Packed in Case
A-RA	Iron	Screen door and light interior doors, 2'6"x6'6"x1⅛"	12
B-RA	Iron	Heavy screen doors and light interior doors, 2'8"x7'0"x1⅜"	12
C-RA	Iron	Corridor, office and light interior doors, 3'0"x7'0"x1¾"	12
D-RA	Iron	Exterior doors and heavy interior doors, 3'0"x7'0"x2¼"	12
E-RA	Iron	Heavy exterior doors and heavy interior doors subject to strong drafts, 3'6"x 7'6"x2¼"	12
F-RA	Iron	Extra heavy exterior doors and interior doors of unusual height and width	6

Metal doors, doors with heavy glass panels and doors subject to strong drafts require larger closers than wood doors of equal size.
Specify if regulating key in place of regulating screw is required. Page No. 427.
Specify if solid bronze metal closer is required.
Gold Bronze Finish will be shipped unless otherwise specified. Page No. 414.
Packed 1 in a box, with screws, wrench and instruction sheet.

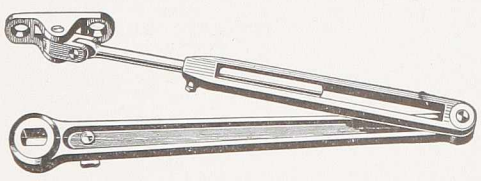
PARALLEL ARM DOOR CLOSERS

This type of installation is used when there is not space enough between two doors for the projection of the regular arm. It can also be used where there is not enough head room for closer to be installed on a bracket. This type of installation is not recommended where it is possible to avoid it because the position of the parallel arm on the closer reduces the spring closing power approximately one-half and the closer cannot give the perfect control it should. One size larger than specified for regular closer should be used, which will help to overcome the weakness of this installation. This type of closer can be furnished with Holder Arm.

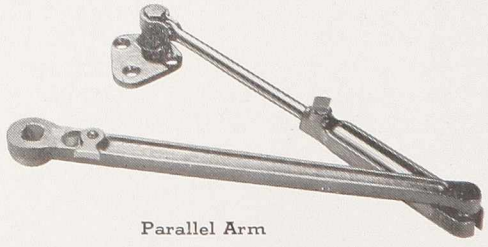
REVERSIBLE FOR RIGHT OR LEFT HAND DOOR BY REVERSING SPRING

Size	Material	For Wood Doors where Normal Conditions Prevail	Packed in Case
A-PA	Iron	Very light screen doors	12
B-PA	Iron	Screen doors and light interior doors, 2'6"x6'6"x1⅛"	12
C-PA	Iron	Heavy screen doors and light interior doors, 2'8"x7'0"x1⅜"	12
D-PA	Iron	Corridor, office and light interior doors, 3'0"x7'0"x1¾"	12
E-PA	Iron	Exterior doors and heavy interior doors, 3'0"x7'0"x2¼"	12
F-PA	Iron	Heavy exterior doors and heavy interior doors subject to strong drafts, 3'6"x 7'6"x2¼"	6

Metal doors, doors with heavy glass panels and doors subject to strong drafts require larger closers than wood doors of equal size.
Specify if regulating key in place of regulating screw is required. Page No. 427.
Specify if solid bronze metal closer is required. Gold Bronze Finish will be shipped unless otherwise specified. Page No. 414.
Packed 1 in a box, with screws, wrench and instruction sheet.

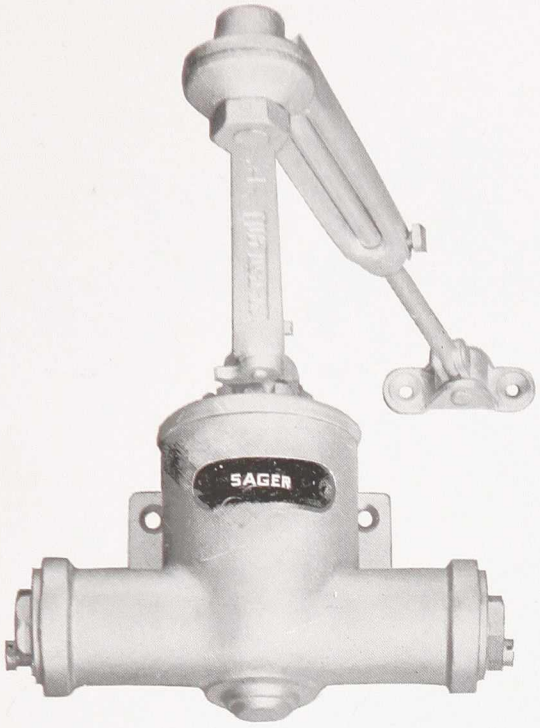


Extra Long Arm
For door openings from 135 degrees up to 180 degrees.

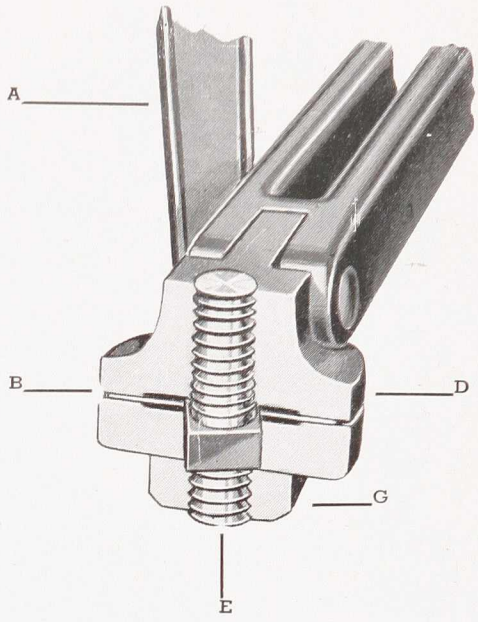


Parallel Arm

HOLDER ARM CLOSERS



Door Closer with Holder Arm



DESCRIPTION

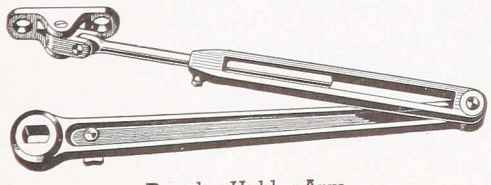
The Holder Arm Door Closer can be applied on the hinge side of a right or left hand door or on the opposite side with bracket. The door is under perfect control until it is latched. It can be adjusted by screw so it will close slowly and silently or with "release action" so when door is almost closed the checking power is released and the full spring power snaps the door closed. By a simple adjustment the regular holder arm may be set to hold the door at any degree of opening up to 135 degrees. If greater opening is required specify with 180 degree arm.
The detail drawing illustrates how the hold open feature works.
When the door is opened the main arm "A" prevents the jack-screw "E" from turning because of the square shank. At the same time the motion of the arms forces the holder head "D" to screw down on the jack-screw. That brings the surface of "B" and "D" together and the friction between them holds the door open. To prevent any possibility of corrosion making them "freeze" together while the door is held open for long periods, a brass non-corroding disc is inserted between them. The point at which the door is held open is easily determined by the adjusting nut "G". The friction surfaces are brought together by tightening the nut, and by loosening it this action is delayed until the door is opened wider. The holder feature is suited for use on entrance doors, auditoriums, gymnasiums, class rooms and practically all public building doors.

DOOR CLOSERS WITH HOLDER ARMS

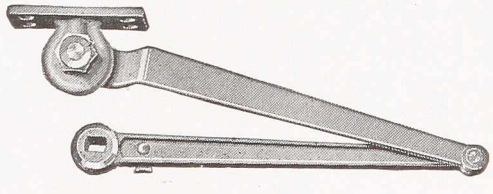
REVERSIBLE FOR RIGHT OR LEFT HAND DOOR BY REVERSING SPRING

Size	Material	For Wood Doors where Normal Conditions Prevail	Packed in Case
A-HA	Iron	Screen doors and light interior doors, 2'6"x6'6"x1⅛"	12
B-HA	Iron	Heavy screen doors and light interior doors, 2'8"x7'0"x1⅜"	12
C-HA	Iron	Corridor, office and light interior doors, 3'0"x7'0"x1¾"	12
D-HA	Iron	Exterior doors and heavy interior doors, 3'0"x7'0"x2¼"	12
E-HA	Iron	Heavy exterior doors and heavy interior doors subject to strong drafts, 3'6"x 7'6"x2¼"	12
F-HA	Iron	Extra heavy exterior doors and doors of unusual height and width	6

Metal doors, doors with heavy glass panels and doors subject to unusual drafts require larger closers than wood doors of equal size. Specify if key type regulating screw in place of regular screw is required. Page No. 427.
Specify if solid bronze metal closer is required. Gold Bronze Finish will be shipped unless otherwise specified. Page No. 414.
Packed 1 in a box, with screws, wrench and instruction sheet.



Regular Holder Arm
Regular Holder Arm packed with Holder Arm Door Closer. Permits door opening up to 135 degrees.



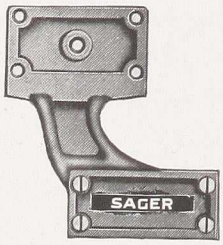
180 Degree Holder Arm
180 Degree Holder Arm packed with Holder Arm Door Closers when ordered. Permits door opening up to 180 degrees.

Three Point Hospital Holder Arm Door Closers can be furnished to order. Send specifications and information will be submitted.

DOOR CLOSER BRACKETS

Soffit

Corner

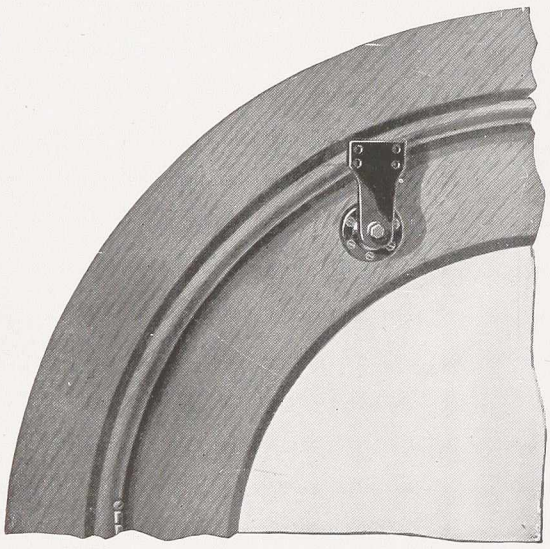


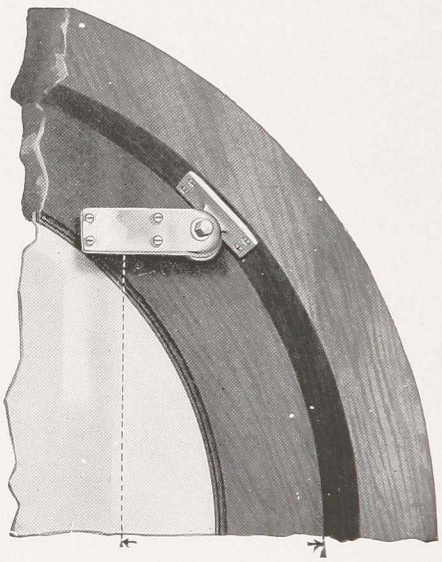
Flush

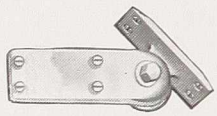
Extension Corner

G. J. Corner

Offset


Offset Bracket on the Hinge Side of Door


Adjustable Bracket on Opposite the Hinge Side of Door


Adjustable

The most efficient service from a door closer can be expected only when it is placed in the proper position. The Sager brackets have been built to accommodate the many and varied door conditions. Special brackets are made to order.

Soffit Brackets used where there is room on the overhead jamb. This places the door closer to best advantage.

Corner Brackets used only when door opens to 180 degrees or when the head room is too low.

Flush Brackets used when the Soffit (or jamb) is not wide enough to receive a Soffit bracket.

Extension Corner Brackets used with HA Closers.

G. J. Corner Brackets used to avoid interference with separate door holders.

Adjustable Brackets used for circular top doors when the closer is placed on opposite the hinge side of the door.

Offset Brackets used for circular top doors when the door closer is placed on the hinge side of the door.

WIDTH OF BASE

Style For Door Closers	Dimensions of Brackets A	B	C	D	E	F
Soffit	1 1/16	1 3/8	1 3/8	1 1/2	1 3/4	1 3/4
Corner	1	1	1 5/16	1 3/8	1 9/16	1 5/8
Adjustable	2	2	2 1/2	2 1/2	2 1/2	2 1/2
Offset	3 3/8	3 3/8	3 5/8	3 5/8	3 5/8	3 5/8
Flush	2 3/8	2 9/16	2 9/16	2 13/16	3	2 7/8
G. J. Corner	.....	.....	1 5/16	1 3/8	1 9/16	.....
Extension Corner	.....	.....	1 5/16	1 5/16	1 1/2	.....

Gold Bronze finish will be shipped unless otherwise specified. Page No. 414.

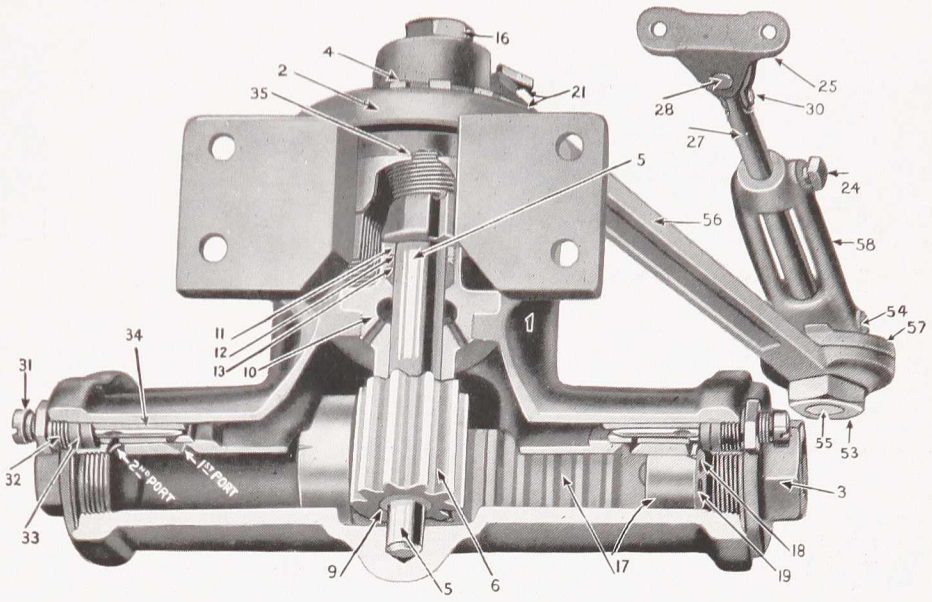
Packed one wrapped in heavy paper.

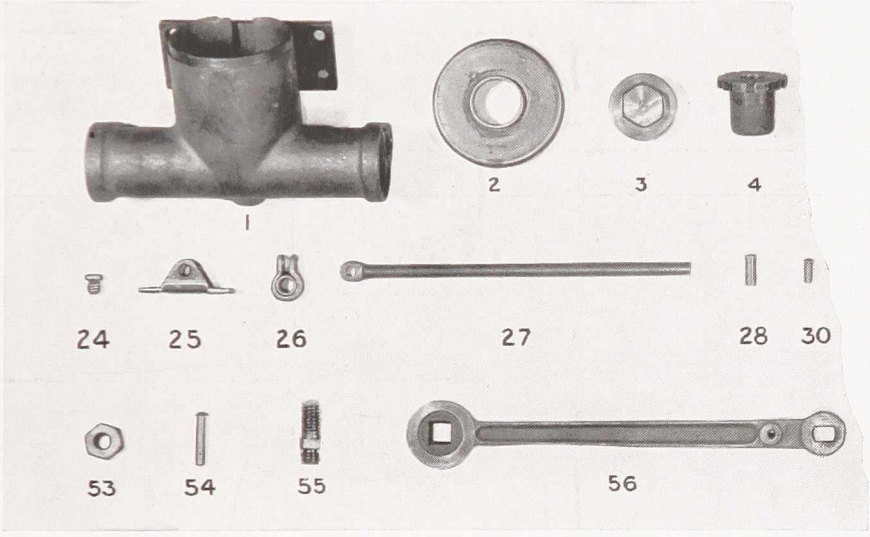
DOOR CLOSER PARTS

DOOR CLOSER LIQUID

A mineral oil, non-gumming and non-evaporating.

Packed in cans of: ½ pints, pints, quarts, ½ gallons, gallons, 5 gallons.





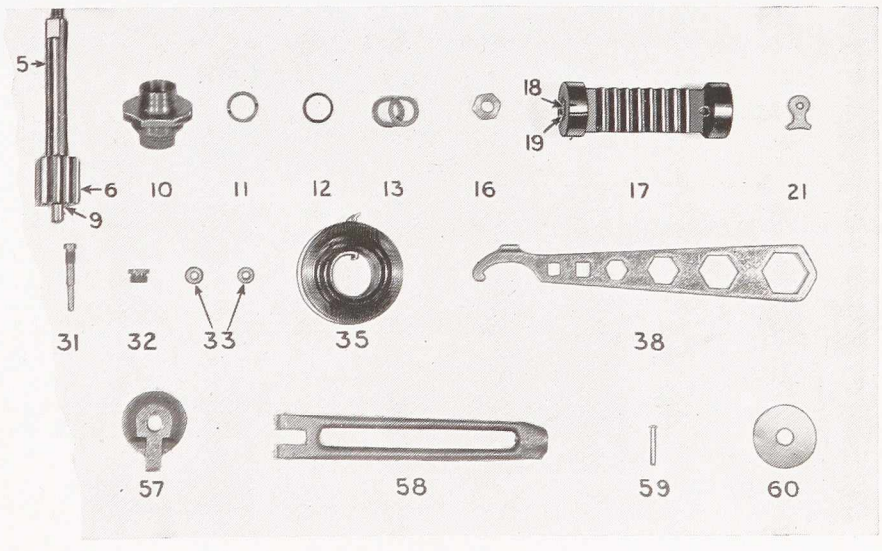
1	Shell
2	Cover
3	End Plug
4	Ratchet
10	Packing Nut
11	Gland Nut
12	Packing Ring
13	Shaft Packing
14	Shaft and Packing Nut Comp.
16	Top Nut
17-18-19	Piston Complete
21	Pawl
22	Regular Pawl Rivet
24	Loop Set Screw
25	Shoe
26	Shoe Connection
27	Connecting Rod
28	Shoe Rivet
30	Shoe Connection Rivet
20X	Regular Arm Comp.
27X	Conn. Rod and Shoe Comp.
31	Regulating Screw
32	Regulating Screw Bushing
33	Regulating Screw Packing (2)
35	Spring

38	Spanner Wrench
39	Wood Scrs. or Mach. Scrs. (6)
53	Jam Nut
54	Loop and Head Rivet
55	Jack Screw
56	Main Holder Arm
57	Holder Head
58	Holder Loop
59	Holder Pawl Rivet
60	Brass Disc

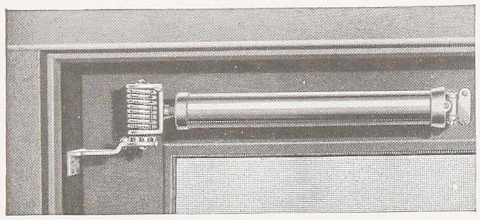
Key Regulating Screw—Public buildings, etc., should have door closers of which the closing action is controlled by an authorized person. This can be accomplished by a separate key used in place of the Regulating Screw, Part Number 31. Must be specified.

Specify size of closer.

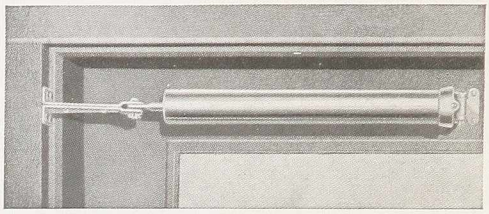
Specify Finish, Page No. 414, when ordering Parts 1, 2, 3, 4, 25, 26, 27, 56 and 58.



SCREEN DOOR CLOSERS



No. 4 Screen Door Closer



No. 04 Screen Door Closer

DESCRIPTION

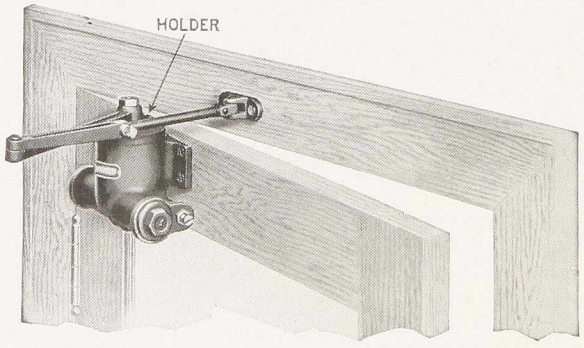
Number 4 Screen and Combination Door Air Check for either right or left hand door. Can be applied between two doors where the space is two inches or more. Spring can easily be replaced in case of it being broken. The bracket for attaching to jamb and the hinge plate for attaching to door are heavy steel stampings. The cylinder is seamless **brass** tubing with a piston of cup leather with tension spring to hold against side walls of cylinder which insures checking at all times.

Description	Dimensions, Inches	Number in Case
Cylinder, seamless brass, diameter	10 5/8x1 1/4	6 Each
Bracket, steel, for attaching to jamb	1 3/8x1 3/8	12 Each
Hinge plate, steel, for attaching to door	1 3/8x1 1/8	24 Each
Spring, steel, compressed	1 3/4x1 1/4	36 Each
Finish, Regular, Gold Bronze		48 Each
Minimum Space for Application Between Doors	1 7/8	
Packed, one in a box, with wrench, screws and instruction sheet		72 Each

Number 04 Screen Door Air Check for either right or left hand doors. The bracket for attaching to jamb and the hinge plate for attaching to door are heavy steel stampings. The cylinder is seamless **brass** tubing with concealed compression spring inside of cylinder.

Description	Dimensions, Inches	Number in Case
Cylinder, seamless brass, diameter	10 1/2x1 1/4	6 Each
Bracket, steel, for attaching to jamb	1 1/2x 3/4	12 Each
Hinge plate, steel, for attaching to door	1 3/8x1 1/4	24 Each
Spring, steel		36 Each
Finish, Regular, Gold Bronze		48 Each
Minimum Space for Application Between Doors	1 7/8	
Packed one in a box, with screws and instruction sheet		72 Each

TELEPHONE BOOTH DOOR CLOSER



Size B-TB

B-TB Closer—Returns the door to approximately four inches of closed position, which shows booth is unoccupied and also ventilates the booth. Door is fully closed by occupant after entering booth.

The construction of the special feature of this closer is very simple. As the door nears the jamb a pin in the cover catches a similar pin in the ratchet and holds the spring power. As soon as that occurs, the inertia of the liquid in the closer stops the door and holds it there until the occupant of the booth pulls the door shut by hand. The door cannot be slammed shut because the regulating screw controls the motion whether the closer is operated by the spring or by hand. Another valuable feature which may be had, without extra cost, is the back-check, which controls the door in opening so that it cannot be thrown back against a wall or other obstruction, or against the door of the next booth.

Gold Bronze Finish will be shipped unless otherwise specified. Page No. 414.

Packed one in a box, with screws and instruction sheet. Each 10 pounds.

For coupon booth door closer, refer to Page No. 92.

SAGER Locks

FILE BETWEEN

Von Duprin

Self-Releasing Fire and Panic Exit Devices

Von Duprin Self-Releasing Fire and Panic Exit Devices

Because of the outstanding merit and universal acceptance of Von Duprin Devices, we are pleased to recommend them and offer the following leading types. Listed according to their relative value.

MORTISE LOCK AND SURFACE APPLIED DEVICES

Page

Type "B2"—Highest Grade, Drop Forged Bronze, Non-comparable in quality, double acting.....435

Type "V1"—Very High Grade, Semi Drop Forged Bronze, Above all competition, double acting.....439

Type "X"—Unrivaled in quality, Semi Drop Forged Bronze, Competitive in price, single acting.....441

Type "W"—Competitive Grade, single acting, Sturdy in construction.....440

Type "U"—Competitive Grade, single acting, Shipped knocked down for jobbing stock.....436

RIM DEVICES

Page

Type "A2"—Master—Highest Grade, Drop Forged Bronze, Non-comparable in quality, double acting.....433

Type "A"—Bulldog—Heavy duty, single acting, Non-competitive.....434

Type "A"—Standard—High Grade, single acting, Competitive in price.....434

—also Von Duprin Auxiliary Equipment

Compensating Astragal Hardware.....442

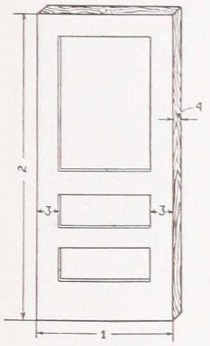
All-weather Extruded Threshold.....443

Removable Mullion.....444

Co-ordinating Device.....445

Note: Many other Von Duprin Devices and Items are available for special conditions and purposes. We will gladly furnish data on request.

INFORMATION REQUIRED WHEN ORDERING VON DUPRIN DEVICES



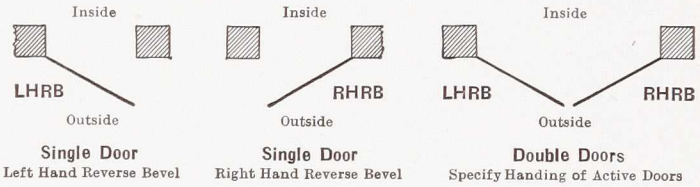
Always Take Measurements from Exterior Side of Doors

1. Width (each individual door).
2. Height of Door.
3. Width of Stile (Mortise cylinder sets cannot be used on stiles less than 4½" wide, 1¾" thick).
4. Thickness of Door.
5. Handing of Door **from outside.** (See below) LHRB or RHRB.
6. Detail of Astragal (see below). Avoid trouble by using Von Duprin Compensating Astragals.
7. Thickness of Stops.
8. Threshold (refer to Page No. 443)—if not included in order, advise type of sill, ie—stone, cement, metal or wood and give detail.
9. Catalog Number of Devices.
10. Finish desired.
11. If for Hollow Metal Doors, state it; or advise what members are to be applied with machine screws.
12. If ordered "less cylinders"—specify whose make will be used.

Be careful to secure all details and information correctly—it will avoid delay and dissatisfaction.

Because devices are made up to fit the particular doors for which you order same, they are considered special. Special made goods are not returnable.

HANDING OF DOORS—Always Determined from Outside

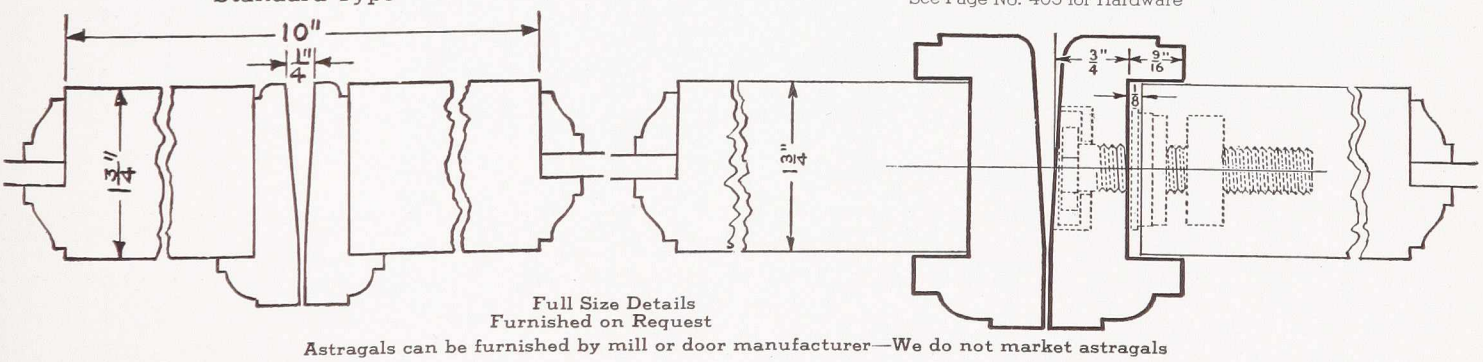


Von Duprin Astragals

Standard Type

Compensating Type

See Page No. 405 for Hardware



Full Size Details Furnished on Request

Astragals can be furnished by mill or door manufacturer—We do not market astragals

If doors have overlapping astragals, the device on the Active Door must be of the Mortise Lock Type with open back strike to make egress possible through the Inactive Door. Use Von Duprin Co-ordinator No. 1243 (Refer to Page No. 445), which assures the closing of the inactive door before the active door closes.

"Why Von Duprin Uses Drop Forged Brass and Bronze"

Forged by a 650-Ton (1,300,000 Lb.) Lobster Plate Hydraulic Press

Drop Forged Hardware is not a new idea. For example, Forged Bronze Pivots made in 1779 (in perfect condition today) have, since that date, supported Main Auditorium doors in the San Gabriel Mission, Los Angeles. This door, 4'-3" wide, 13'-0" high, 5½" thick, has been operated thousands of times every week by the sight-seeing public.

It is a commonly known fact that the process of Drop Forging, or hammering, iron and other metal, forces the molecules into closer relationship, making the metal more dense, gives it greater tensile strength and far more efficient wear.

Recognizing these superior qualities of Drop Forgings over sand castings, we have adopted the process of Drop Forging VON DUPRIN Types A2 and B2. Even though we have included further refinements, we offer same at no advance in price.

Note these comparisons:	Average Tensile Strength Pounds Per Square Inch	Density of Metal	Hardness of Metal by Brinnel Test
VON DUPRIN Drop Forged Brass or Bronze	*72,858	9.0	†175
Structural Steel	60,000	7.8	179
Cast Bronze	24,000	8.52	60
Gold		19.32	

*Test by Armour Institute of Technology, Chicago, Illinois.
†All interior functioning members are forged from bearing metal and have a test of 175 Brinnel, except the cam, part No. 3BC, which has a test of 225 Brinnel. Because of this uneven texture, non-wearing anti-friction contact points are obtained.

RESULT

VON DUPRIN DROP FORGED DEVICES WILL WITHSTAND USE AND ABUSE AND, WHEN PROPERLY INSTALLED, WILL OUTLAST THE LIFE OF THE AVERAGE BUILDING.

Special Note—In Types "X" and "V" VON DUPRIN Devices the cross bar lever arms, top and bottom latch case assemblies, rod guides and the standard exterior trims are all of Drop Forged brass or bronze.

Finish Hardware requirements for underwriters' labeled swinging hollow metal and metal clad paneled (Kalamein) fire doors

We have prepared for your convenience the following schedule and data which is subject to the approval of the authorities having jurisdiction.
For Hardware that is listed for use on Labeled Doors, refer to the latest "Underwriters' Laboratories List of Inspected Fire Protection Appliances" and "Regulations of the National Board of Fire Underwriters for the Protection of Openings in Walls and Partitions against Fire."

Hardware for Hollow Metal and Kalamein Fire Doors in Class B, C, D, or E Situations, not over 8 feet in height.

Single Doors

BUTTS—.134 ga. steel 4½"—Full Mortise' Half Surface or Full Surface—see note 1. or .180 ga. bronze 4½"—Full Mortise—see note 1.

*DOOR CLOSERS—Self-Closing or Heat Actuated (Fusible Link) Type—see note 2.

LOCKS—Single point Latch with ¾" throw;—
(VON DUPRIN) No 22¾, 24¾, NL24¾ and 2430¾ when used with Types B², V¹ and X

Doors in Pairs

BUTTS—.134 ga. steel 4½"—Full Mortise, Half Surface or Full Surface—see note 1. or .180 ga. bronze 4½"—Full Mortise—see note 1.

*DOOR CLOSERS—Self Closing or Heat Actuated (Fusible Link) Type—see note 2.

ACTIVE DOOR—Single point Latch with ¾" throw;—
(VON DUPRIN No. 22¾, 24¾, NL24¾ and 2430¾ when used with Types B², V¹, and X.

INACTIVE DOOR—Top and Bottom Throw or Self-Latching Bolts;—
(VON DUPRIN No. 1127¾B², 61127¾V and 23127¾X.

Co-ordinator or Interference Device (VON DUPRIN No. 1243 x 1244)—see note 3.

Underwriters' classification and maximum size of openings that may be equipped with labeled doors

Classification	Location of Openings	Hollow Metal Doors		Kalamein Doors	
		Single, Feet	In Pairs, Feet	Single, Feet	In Pairs, Feet
Class "A" Situations	In Fire Walls	4 x 10	8 x 10	Cannot bear Label	
Class "B" Situations	In Vertical Shafts				
Class "C" Situations	In Corridor and Room Partitions				
Class "D" Situations	In Exterior Walls (Severe Fire Exposure)	4 x 10	8 x 10	4 x 10	8 x 10
Class "E" Situations	In Exterior Walls (Moderate Fire Exposure)				
Class "D" Situations	To Exterior Fire Escapes (Severe Fire Exposure)				
Class "E" Situations	To Exterior Fire Escapes (Moderate Fire Exposure)	4 x 10	6 x 10	4 x 10	6 x 10

Notes referred to in above:

1. SPACING OF BUTTS—Doors not exceeding 5 feet in height are to be provided with at least two butts. Doors over 5 feet in height are to be provided with one butt for each 2½ feet in height or fraction thereof. BRONZE BUTTS can be used only when jamb of the frame is provided with a steel stud and rear edge of door with a steel socket or vice versa. One stud and socket to be provided for each butt.
2. DOOR CLOSERS—It is essential to determine from local authorities the exact type of Closing Mechanism which is considered satisfactory for a particular installation.
3. CO-ORDINATORS or INTERFERENCE DEVICES are not specifically mentioned in the Underwriters' Listings, but are considered as a part of the Inactive Door Hardware and deemed necessary so as to assure the closing of the inactive door first.
4. SURFACE APPLIED HARDWARE is to be secured to Kalamein Doors by bolting through door; to Hollow Metal Doors with Machine Screws into steel reinforcements on the inside of door stiles or rails.
5. DOORS EQUIPPED WITH ONLY PULLS AND PUSH PLATES (without latch) are not approved and will not bear Underwriters' Label. Certificate may be obtained should doors be constructed to Underwriters' specifications.
6. OVERLAPPING ASTRAGALS are required on both sides of doors in pairs in Class A Situations and on one side only of doors in pairs in Class B, C, D, or E Situations.
7. THE ULTIMATE PURPOSE of Hardware required for Underwriters' Labeled Fire Doors is to assure that doors will close and latch and remain so during Fire Exposure.

For Accident Protection

THE NEW-FULLY DROP FORGED-TYPE A² Rim Device

"MASTER" TYPE—NON-COMPETITIVE

The highest quality self-releasing exit device with rim latch and lock

FOR SINGLE DOORS AND DOUBLE DOORS WITH MULLIONS—OPENING OUTWARD

Designed to give the balanced appearance heretofore obtainable only in mortise lock devices and engineered to include every desirable feature required in exit device operation—with backsets so as to center Outside Trim on Stiles of various widths.

DOUBLE ACTING: a slight pressure against, or pull up, on the crossbar will withdraw the latch-bolt from its housing.

HEAVY PULLMAN LATCH-BOLT has ¾" throw with easy spring action and pivots on monel metal axle. (Extra quick release eliminates binding in jamb strike).

ADJUSTABLE ROLLER STRIKE with anti-friction bronze roller.

DOUBLE COMPRESSION SPRINGS.

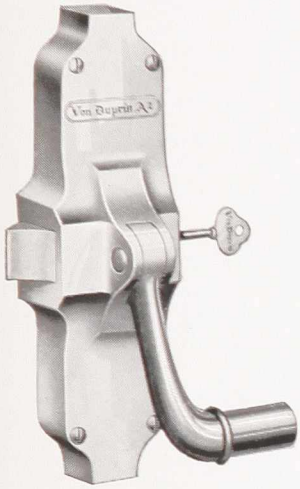
LEVER ARMS supported by ½" Diameter FLOATING AXLES.

DOGGING FEATURE at each end of the crossbar with a DIRECT DRIVE into the lever arms makes the crossbar a solid unit with the lock-case and the hinged end case.

ALL DESIRABLE FUNCTIONS.

ANY STANDARD TRIM IS USABLE.

SEX BOLTS furnished regularly for Wood, Kalamein or Tin Clad Doors.

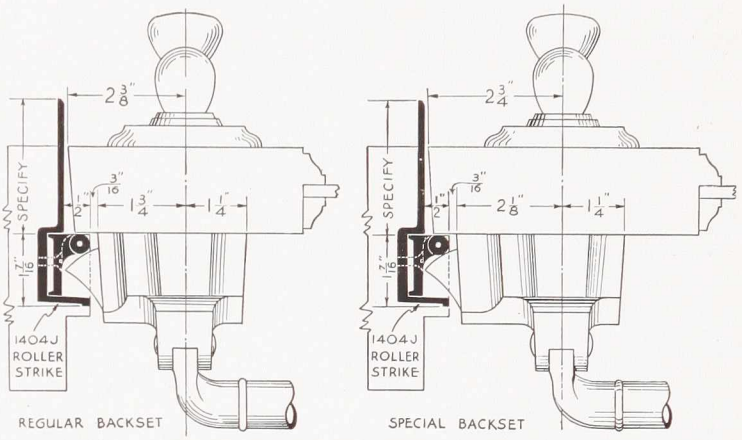


ALL DROP-FORGED BRASS OR BRONZE

	Regular	Special
Backset Latch Face to Center of Lever...	1¾"	2⅛"
*Backset of Trim—When stop is ½"..	2⅜"	2¾"
†Outside trim will center on stiles...	5" wide	5½" wide
†Minimum stile using regular trim.....4⅛" wide		4½" wide
†When stop is ⅝" or less.		
Lock Case—Width.. 3" —Length—9¾" —Depth 1¼"; at stress point 1¾"		3⅜"
Hinged End Case; 5⅛"x2", depth 1⅛"		
Crossbar Tubing: 1" O. D.		

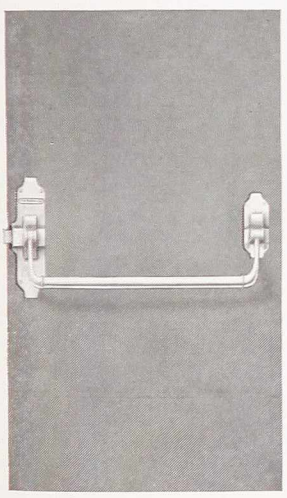
Roller strike No. 1404J has adjustable feature to compensate for warping and swelling doors—furnished to fit ½" stop unless otherwise specified. (Illustrated on Page No. 450)

For data on cylinder see Page No 449.



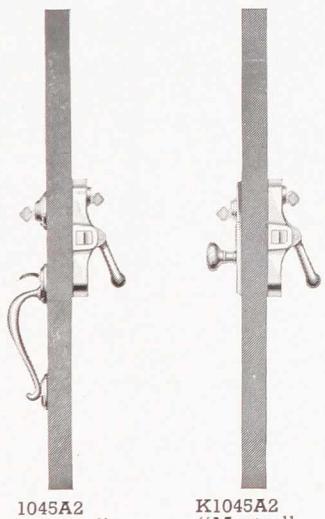
Details of Jamb, Door Stile and Trim

Note: Position of Latch Bolt in its relation to Strike and Door prevents picking.



Inside Elevation

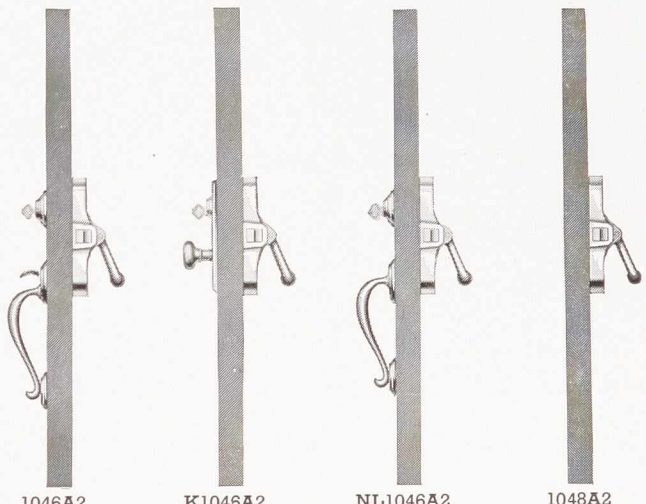
Two Cylinder Type



1045A2 "Master" 2620R

K1045A2 "Master" 2580

Single Cylinder Type



1046A2 "Master" 2620R

K1046A2 "Master" 2580

NL1046A2 "Master" NL2620R

1048A2 "Master" None

OPERATION

No. 1045A2 Latch bolt is operable from inside by crossbar at all times—from outside by thumbpiece (except when same is set by key through inside cylinder), then by key through outside cylinder.

No. K1045A2 Latch bolt is operable—from inside by crossbar at all times—from outside by knob (except when same is set by key through inside cylinder), then by key through outside cylinder.

No. 1046A2 Latch bolt is operable—from inside by crossbar at all times—from outside by thumbpiece (except when same is set by key through outside cylinder).

No. K1046A2 Latch bolt is operable—from inside by crossbar at all times—from outside by knob (except when same is set by key through outside cylinder).

No. NL1046A2 Latch bolt is operable—from inside by cross bar at all times—from outside by key only.

No. 1048A2 Latch bolt is operable only from inside by crossbar.

*NOTE—In estimating the backset of trim always take into consideration the fact that the lock sets back from edge of door to clear stop or rabbet. FOR APPLICATION ON DOUBLE ENTRANCE DOORS WITH No. 1252 MULLION, see Page No. 444 as a guide for minimum width of stiles and backset of trim. For Trim description refer to Page No. 446. For Strike description refer to Page No. 450. Instructions for ordering refer to Page No. 431. Specify Number and Finish. Refer to Page No. 32A for description of finish.

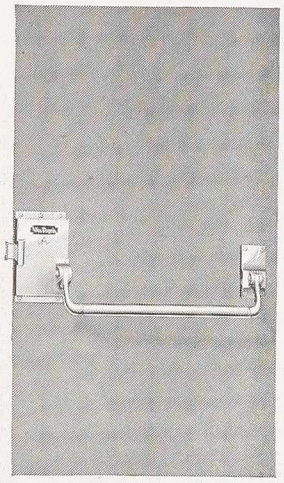
For Accident Protection

Von Duprin Type "A" Rim Devices

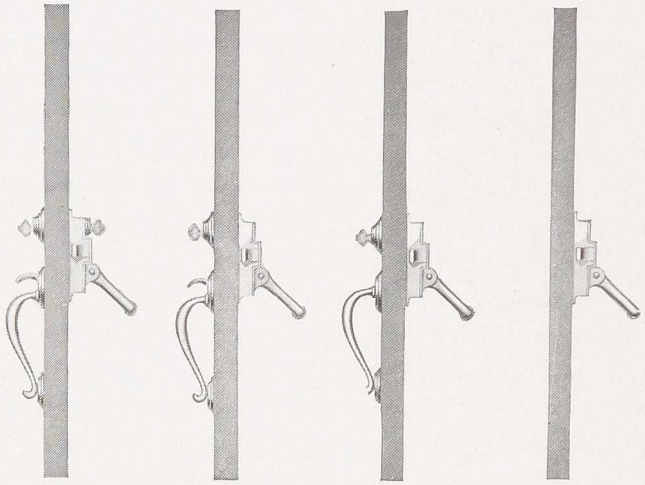
All Brass or Bronze, with Drop Forged Exterior Trims

A heavy rim cylinder lock device. Operative from inside at all times. A slight pressure against crossbar will withdraw latch bolt from housing. Dogging feature at each end of crossbar. For single entrance doors, double entrance doors with mullion, or exit doors, opening outward. Especially suitable for high class shop and school entrance doors. Crossbar tubing 1" O. D.

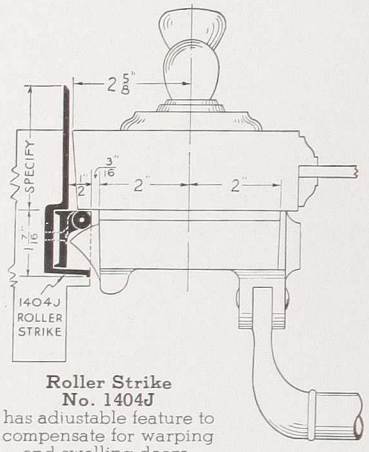
"BULLDOG"—NON-COMPETITIVE TYPE



Inside Elevation
Lock Case 7"x4" overall.
Hinged End Case 4"x2" overall.



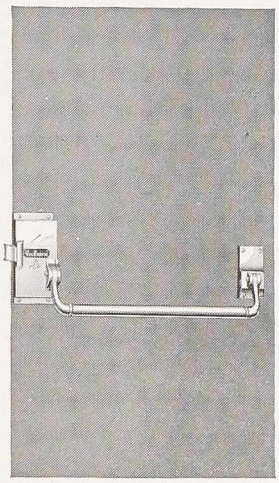
No. 1025A "Bulldog" 2620R | **No. 1026A "Bulldog" 2620R** | **No. NL1026A "Bulldog" NL2620R** | **No. 1028A "Bulldog" .....**



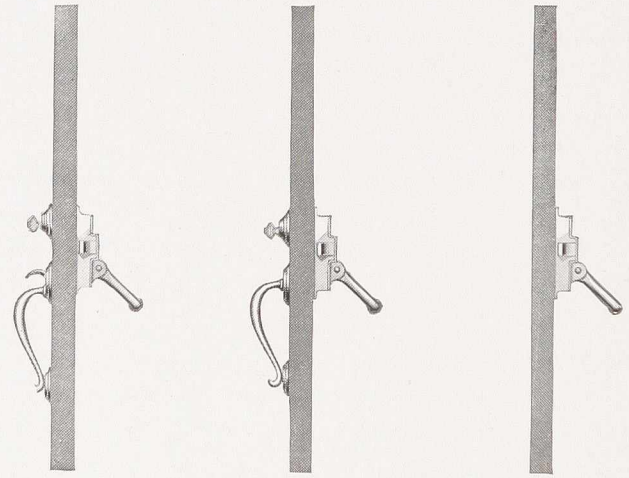
Roller Strike No. 1404J has adjustable feature to compensate for warping and swelling doors —regularly furnished to fit ½" stop unless otherwise specified.

Note: Position of Latch Bolt in its relation to Strike and Door prevents picking.

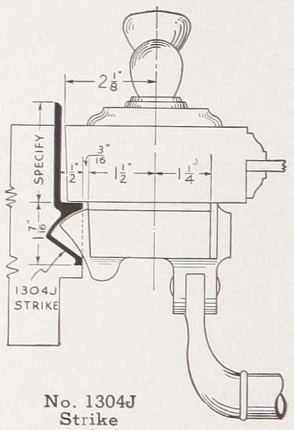
"STANDARD" TYPE



Inside Elevation
Lock Case 7"x2¾" overall.
Hinged End Case 4"x2" overall.



No. 1036A "Standard" 2640R | **No. NL1036A "Standard" NL2640R** | **No. 1038A "Standard" .....**



No. 1304J Strike regularly furnished to fit ½" stop unless otherwise specified.

OPERATION

No. 1025 A"Bulldog" Double Cylinder Device—By locking door with inside cylinder, no admittance can be had from outside, except by key, yet the door is operative from inside by a slight pressure against crossbar; when door closes the device automatically locks again. Outside cylinder has night latch movement. When device is unlocked by outside cylinder, it is unnecessary to lock it again with the inside cylinder, as it automatically locks itself.

No. 1026A "Bulldog" and No. 1036A Devices—The cylinder has the feature of deadlocking the thumb latch. Exit is normal from inside by a push on the crossbar. The same is automatically locked when the door closes.

No. NL1026A "Bulldog" and No. NL1036A Devices—Has night latch action only.

No. 1028A "Bulldog" and No. 1038A Devices—For Exit only. No outside trim or cylinder.

NOTE: In estimating the backset of trim always take into consideration the fact that the lock sets back from edge of door to clear stop or rabbet. FOR APPLICATION ON DOUBLE ENTRANCE DOORS WITH No.1252 MULLION, refer to Page No. 444 for minimum width of stiles and backset of trim.

For Trim description, refer to Page No. 446. For Strike description, refer to Page No. 450.
Instructions for ordering, refer to Page No. 431. For data on cylinders, refer to Page No. 449.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

For Fire and Accident Protection

THE NEW-FULLY DROP FORGED-TYPE B² Von Duprin

NON-COMPETITIVE — **DOUBLE ACTING**

Embodying all VON DUPRIN Patented refinements as: (All Formed Members are Drop-Forged.)

All Brass or Bronze

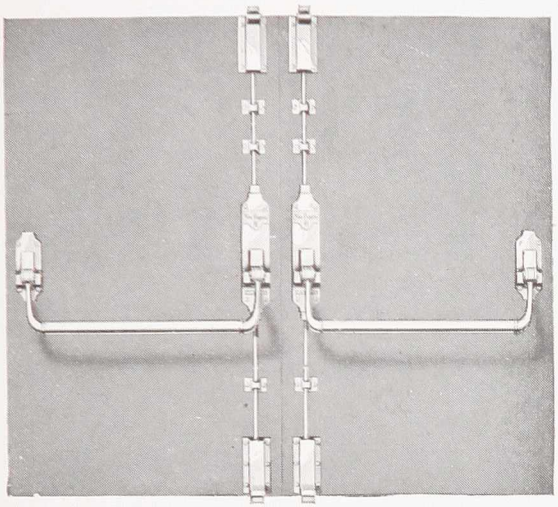
- Collapsible Strike for Single Wood Doors
- Adjustable Strikes for Double Wood Doors.
- Steel Bushings on Cam Pins and Axles.
- Ball Compensating Vertical Rod Connections.
- Sex Bolts for attaching to door all Center Cases, End Cases, and Top and Bottom Latch Cases.

Highest grade non-competitive device. Operative from inside at all times. A slight pressure, against, or pull up, on the crossbar, will withdraw the bolts from their housings. Dogging feature at each end of crossbar. Crossbar tubing 1″ O. D. Top and bottom vertical rods ⅜″ diam. Center case 9″x2″, end case 5⅛″x2″ over all.

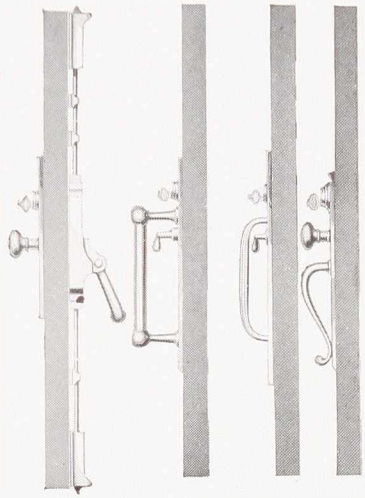
FOR DOUBLE DOORS—OPENING OUTWARD—WHERE THRESHOLD IS USED

Where no threshold is used, vertical rod devices should have "LR" feature—specify by using prefix "LR"—example LR1127B2, LR1123B2, LR11B2, etc.—no extra charge.

Two Vertical Rod Combination
Listed for Accident Protection Only

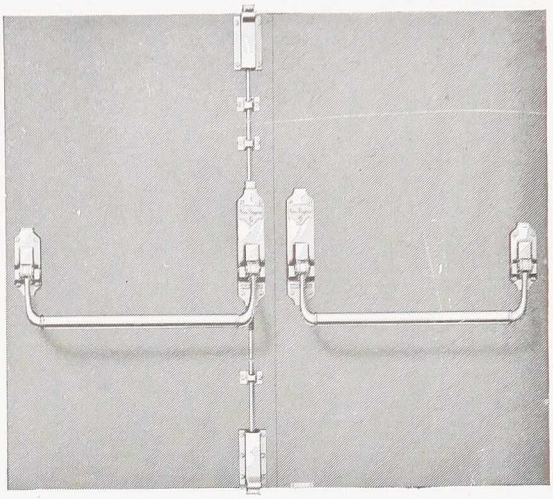


Vertical Rod Devices—Active Doors



1123B2 (Std. Trim No. 2580) | 1123B2x 2660 | 1123B2x 2668 | 1123B2x 2670

Vertical Rod and Mortise Lock Combination



Inside Elevation

Inactive Door — No Outside Trim
Active Door — O. S. Trim as Shown

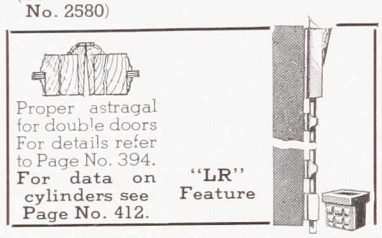
For Double Entrance Doors

Inactive	Active	Combination
1127B2	**1123B2	11B2
1127B2	**1123B2x2660	011B2
1127B2	**1123B2x2668	0011B2
1127B2	**1123B2x2670	00011B2

**For NL (Night Latch Action) refer to Page No. 447.

For Double Exit and Fire Escape Doors
No O. S. Trim

1127B2	1127B2	15B2



Proper astragal for double doors For details refer to Page No. 394. **For data on cylinders see Page No. 412.**

"LR" Feature

Inside Elevation

Inactive Door — No Outside Trim
Active Door — O. S. Trim as Shown Below

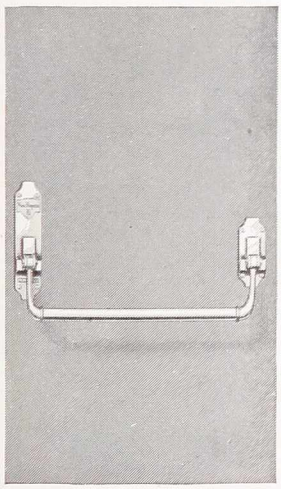
For Double Entrance Doors

Inactive	Active	Combination
*1127B2	*1724B2	12B2
*1127B2	*NL1724B2	13B2
*1127B2	*1722B2	14B2
*1127B2	*NL1741B2	14½B2

For Double Exit and Fire Escape Doors
No O. S. Trim

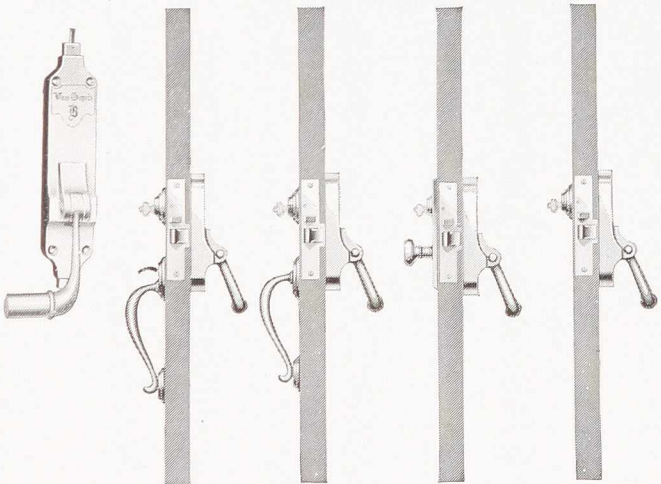
*1127B2	*1730B2	16B2

FOR SINGLE DOORS AND ACTIVE DOORS OF DOUBLE DOORS



Inside Elevation

For Entrance Doors



For Exit and Fire Escape Doors

Single Doors	*1124B2	*NL1124B2	*1122B2	*NL1141B2	*1130B2	1129½B2	1129B2
Double Doors	*1724B2	*NL1724B2	*1722B2	*NL1741B2	1730B2	.....	.....
Lock No.	24	NL24	22	NL24	2430	.....	.....
Trim No.	2620R	NL2620R	2590	.....	.....	29R	29

*For UNDERWRITERS' LABELED DOORS IN CLASS B, C, D, or E Situations: Dogging feature will be omitted—Mortise locks 24¾, NL24¾, 22¾ and 2430¾ having ¾″ throw latch will be furnished. To specify use suffix "¾"" as 1127¾B2, 1724¾B2, 1124¾B2 etc. For Double Doors equipped with closers, a co-ordinator is highly desirable refer to No. 1243, Page No. 445.

For Lock description refer to Pages No. 447 to 449. For Strike description refer to Page No. 450. For Trim description refer to Page No. 446.
Instructions for ordering refer to Page No. 431. Specify Number and Finish. Refer to Page No. 32A for description of finish.

Von Duprin Type "U"—Bronze

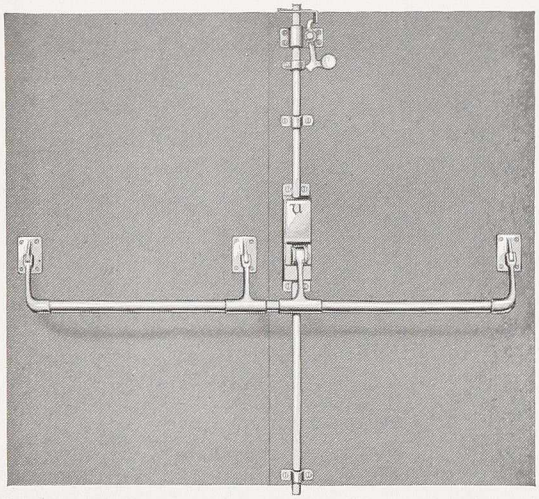
ALL BRASS OR BRONZE

Suitable for Jobbers' Stock. Can be furnished knocked down for fitting to doors up to 3'-6"x7'-6"

A heavy positive operating device. Operative from inside at all times. A slight pressure, against, the crossbar, automatically locks the vertical bars in a released position; when door is closed the automatic comes in contact with the soffit strike and releases itself, again engaging bolt heads into strikes, which locks the door. Has crossbar dogging feature in lock stile case. Crossbar tubing 7/8" O. D. Top rod 17/32" diam. Bottom rod 1/2" diam. Center case 8"x2 1/4", end case 2 5/8"x1 3/4" over all.

FOR DOUBLE DOORS—OPENING OUTWARD—SUITABLE WITH OR WITHOUT THRESHOLD

Double Arm Combination



Inactive Door Inside Elevation Active Door

For Double Exit and Fire Escape Doors
With Overlapping Astragals

No. 71172U Double Arm Device. No O. S. Trim. Not Reversible.

Two Vertical Rod Combination

For Double Exit and Fire Escape Doors
Without Overlapping Astragal

71127U x 71127U (No O. S. Trim) Combination **715U**

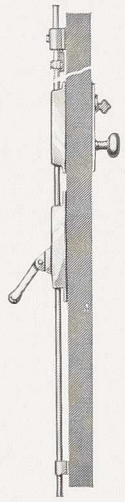
For Double Entrance Doors—O. S. Locking Control

71127U x *71123U Combination **711U**

See edge view above

*For NL (Night Latch Action)—refer to Page No. 447.

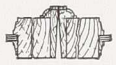
Vertical Rod Device for Active Door



Trim No. 2580

71123U

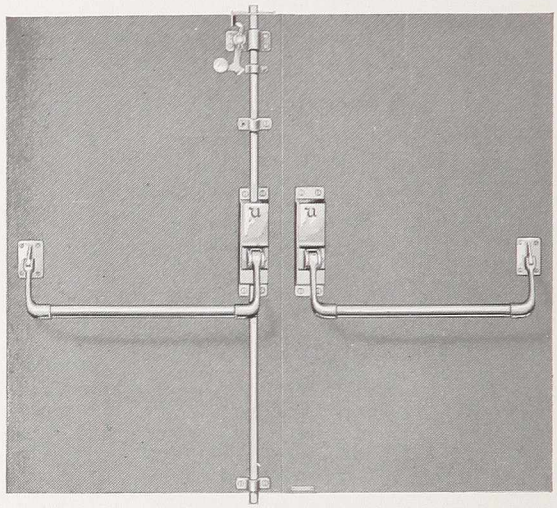
When desired with Paddle instead of crossbar—specify by using prefix "P"—as P71127U, P71724U etc.



Proper Astragal for double doors
For details refer to Page No. 394

For data on cylinders, refer to Page No. 412

Vertical Rod and Mortise Lock Combination



Inside Elevation

Inactive Door No Outside Trim — **Active Door** O. S. Trim as Shown Below

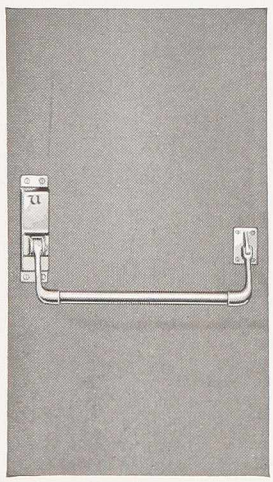
For Double Entrance Doors

Inactive	Active	Combination
71127U	71724U	712U
71127U	NL71724U	713U
71127U	71722U	714U
71127U	NL71741U	714½U

For Double Exit and Fire Escape Doors
No O. S. Trim

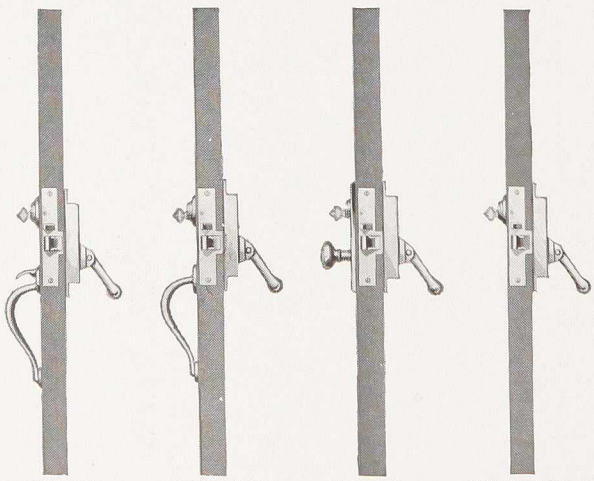
71127U	71730U	716U

FOR SINGLE DOORS AND ACTIVE DOORS OF DOUBLE DOORS

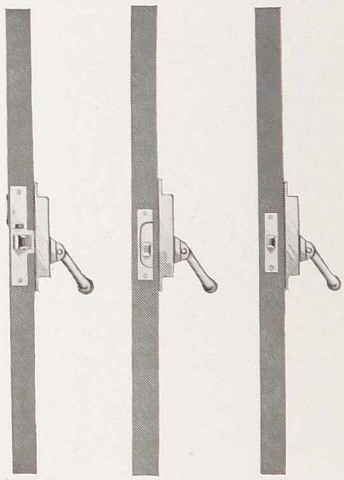


Inside Elevation

For Entrance Doors



For Exit and Fire Escape Doors



Single Doors	71124U	NL71124U	71122U	NL71141U	71130U	71129½U	71129U
Double Doors	71724U	NL71724U	71722U	NL71741U	71730U	.....	.....
Lock No.	24	NL24	22	NL24	2430	29R	29
Trim No.	2640R	NL2640R	2590	.....	.....	.....	.....

For Lock description refer to Pages No. 447 to 449. For Strike description refer to Page No. 450. For Trim description refer to Page No. 446. Instructions for ordering refer to Page No. 431. Specify Number and Finish. Refer to Page No. 32A for description of finish.

Von Duprin Type "U"—Malleable Iron

CAST PARTS, MALLEABLE IRON—CENTER CASE, GREY IRON—CROSSBARS AND VERTICAL RODS, STEEL

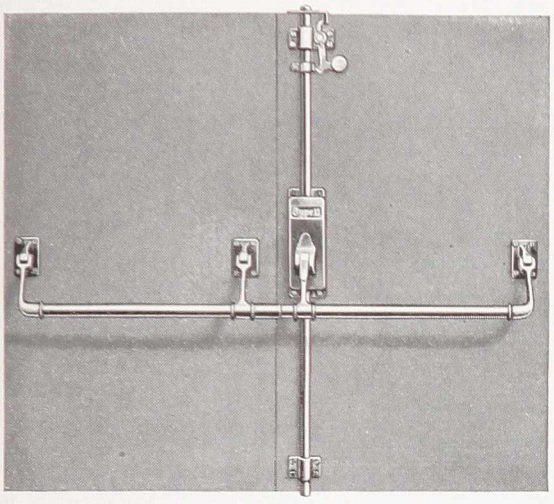
Suitable for Jobbers' Stock. Can be furnished knocked down for fitting to doors up to 3'-6"x7'-6".

STANDARD FINISH, DEAD BLACK—WITH POLISHED CAST BRASS LOCKS, CYLINDERS AND OUTSIDE TRIM

A heavy positive operating device. Operative from inside at all times. A slight pressure, against, the crossbar, automatically locks the vertical bars in a released position; when door is closed the automatic comes in contact with the soffit strike and releases itself, again engaging bolt heads into strike, which locks the door. Can be furnished with crossbar dogging feature in lock stile case, if so desired. Crossbar tubing ⅞" O. D. Top rod 17/32" diam. Bottom rod ½" diam. Center case 8 3/16"x2¼", end case 2⅝"x1¾" over all.

FOR DOUBLE DOORS—OPENING OUTWARD—SUITABLE WITH OR WITHOUT THRESHOLD

Double Arm Combination



Inactive Door Inside Elevation Active Door

For Double Exit and Fire Escape Doors
With Overlapping Astragals

No. 91172U Double Arm Device. No O. S. Trim
Not Reversible.

Two Vertical Rod Combination
For Double Exit and Fire Escape Doors
Without Overlapping Astragal

91127U x 91127U (No O. S. Trim) Combination **915U**

For Double Entrance Doors—O. S. Locking Control

91127U x *91123U Combination **911U**
See edge view above
*For NL (Night Latch Action)—refer to Page No. 447.

Vertical Rod Device for Active Door

Trim No. 2590

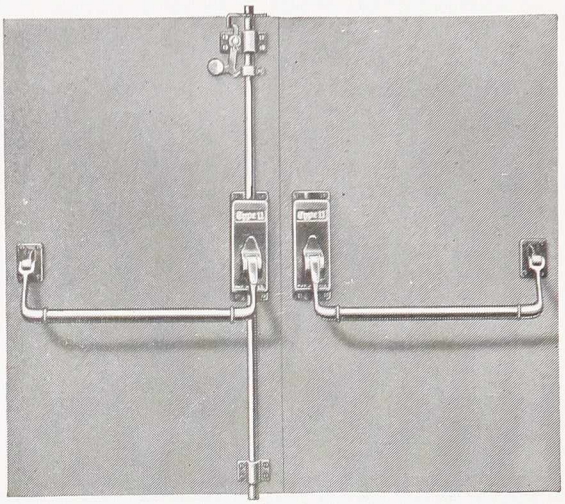
91123U

When desired with Paddle instead of crossbar—specify by using prefix "P" —as P91127U, P91724U, etc.

Proper astragal for double doors
For details refer to Page No. 394

For data on cylinders, refer to Page No. 412

Vertical Rod and Mortise Lock Combination



Inside Elevation

Inactive Door No Outside Trim — **Active Door** O. S. Trim as Shown Below

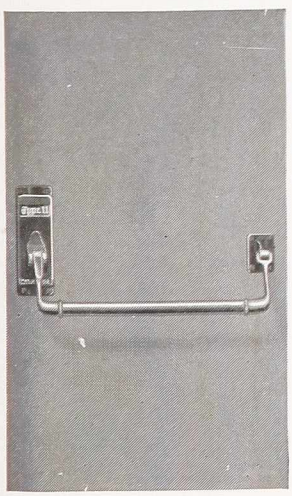
For Double Entrance Doors

Inactive	Active	Combination
91127U	91724U	912U
91127U	NL91724U	913U
91127U	91722U	914U
91127U	NL91741U	914½U

For Double Exit and Fire Escape Doors
No O. S. Trim

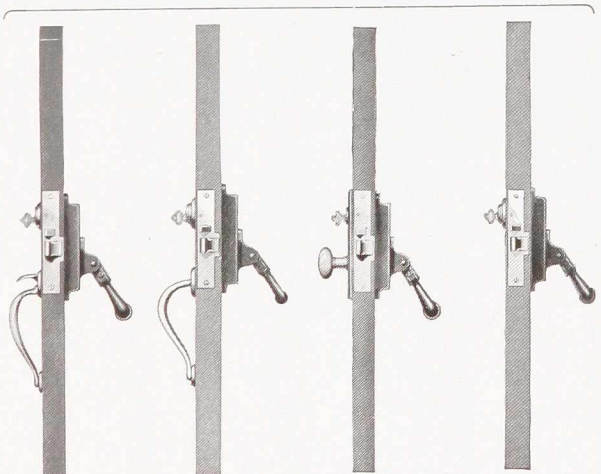
91127U	91730U	916U

FOR SINGLE DOORS AND ACTIVE DOORS OF DOUBLE DOORS

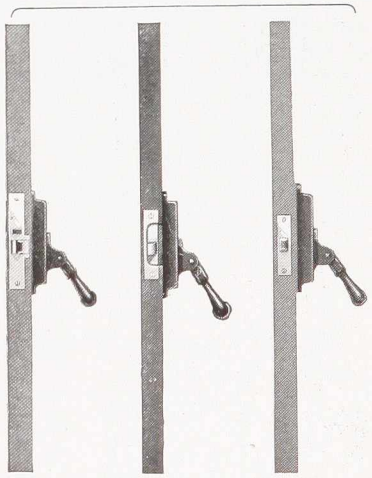


Inside Elevation

For Entrance Doors



For Exit and Fire Escape Doors



Single Doors	91124U	NL91124U	91122U	NL91141U	91130U	91129½U	91129U
Double Doors	91724U	NL91724U	91722U	NL91741U	91730U	.....	.....
Lock No.	24	NL24	22	NL24	2430	29R	29
Trim No.	2640R	NL26460R	2590	.....	.....	.....	.....

For Lock description refer to Page Nos. 447 to 449. For Strike description refer to Page No. 450. For Trim description refer to Page No. 446.
Instructions for ordering refer to Page No. 431. Specify Number and Finish. Refer to Page No. 32A for description of finish.

Von Duprin Type "U" Jr.

All Brass or Bronze—Polished—Use numbers listed below.

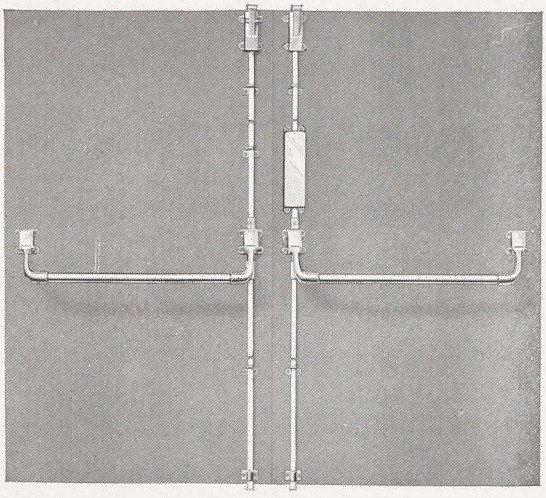
Unpolished—Sprayed Finish—Use prefex "7" to numbers listed below, as 70127U Jr., etc.—for devices with cast parts, bronze—crossbars, bronze—vertical rods, steel—all unpolished, lacquer sprayed finish. Regular finish—011C Sprayed.

Dogging feature can be furnished if desired at both ends of crossbar.

Gravity device, operative from inside at all times. A slight pressure against the crossbar will withdraw the bolts from their housings, and hold the vertical rods in a retracted position until door closes against strike, which automatically releases the "LR" feature and again locks the door. Dogging feature not regularly furnished. Crossbar tubing ⅞" O. D. Top and bottom vertical rods ½" diam. Center case 2 1/16"x2⅛", end case 2 1/16"x2⅛", center case for mortise lock device 8⅛"x2⅛" over all.

FOR DOUBLE DOORS—OPENING OUTWARD—SUITABLE WITH OR WITHOUT THRESHOLD

Two Vertical Rod Combination



Inside Elevation

Inactive Door No Outside Trim — **Active Door** O. S. Trim as Shown

For Double Entrance Doors

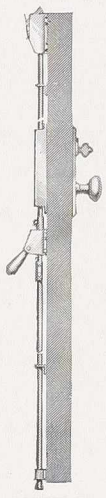
Inactive	Active	Combination
0127U Jr.	*0123U Jr.	01U Jr.

*For NL (Night Latch Action)—refer to Page No. 447.

For Double Exit and Fire Escape Doors
No O. S. Trim

0127U Jr.	0127U Jr.	05U Jr.

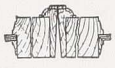
Vertical Rod Device for Active Door



Trim No. 2590

0123U Jr.

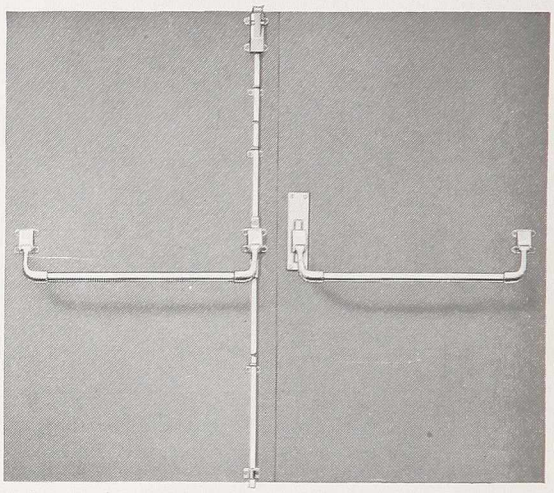
When desired with Paddle instead of crossbar—specify by using prefix "P"—as P0127U Jr. P0724U Jr. etc.



Proper astragal for double doors For details refer to Page No. 394

For data on cylinders refer to Page No. 412

Vertical Rod and Mortise Lock Combination



Inside Elevation

Inactive Door No Outside Trim — **Active Door** O. S. Trim as Shown Below

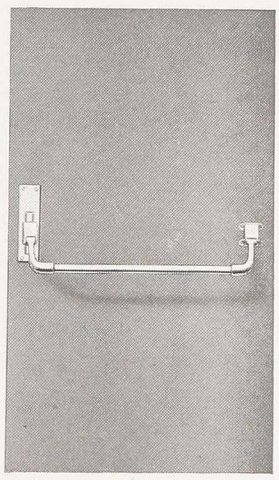
For Double Entrance Doors

Inactive	Active	Combination
0127U Jr.	0724U Jr.	02U Jr.
0127U Jr.	NL0724U Jr.	03U Jr.
0127U Jr.	0722U Jr.	04U Jr.
0127U Jr.	NL0741U Jr.	04½U Jr.

For Double Exit and Fire Escape Doors
No O. S. Trim

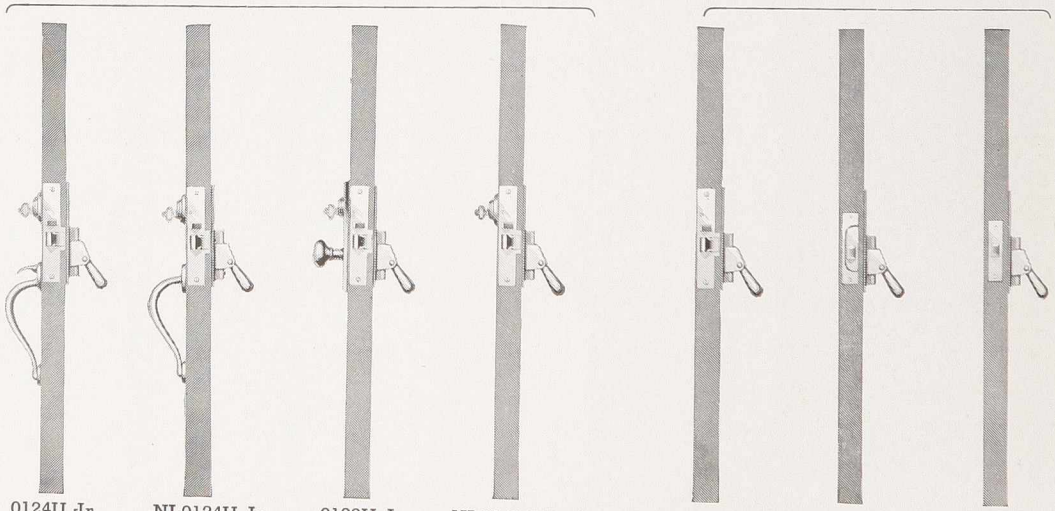
0127U Jr.	0730U Jr.	06U Jr.

FOR SINGLE DOORS AND ACTIVE DOORS OF DOUBLE DOORS



Inside Elevation

For Entrance Doors — **For Exit and Fire Escape Doors**



Single Doors	0124U Jr.	NL0124U Jr.	0122U Jr.	NL0141U Jr.	0130U Jr.	0129½U Jr.	0129U Jr.
Double Doors	0724U Jr.	NL0724U Jr.	0722U Jr.	NL0741U Jr.	0730U Jr.	.....	.....
Lock No.	24	NL24	22	NL24	2430	29R	29
Trim No.	2640R	NL2640R	2590	.....	.....	.....	.....

For Lock description refer to Pages No. 447 to 449. For Strike description refer to Page No. 450. For Trim description refer to Page No. 446. Instructions for ordering refer to Page No. 431. Specify Number and Finish. Refer to Page No. 32A for description of finish.

For Fire and Accident Protection

THE NEW-SEMI DROP FORGED-TYPE V1 Von Duprin

DOUBLE ACTING

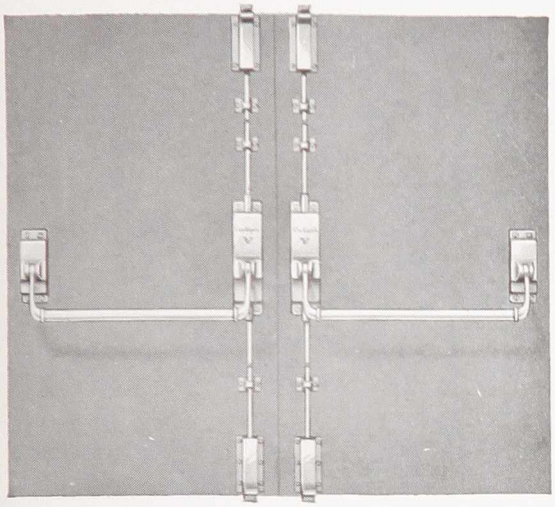
ALL BRASS OR BRONZE WITH DROP FORGED BRASS OR BRONZE TERMINAL LATCHES, ROD GUIDES, LEVER ARMS AND STANDARD TRIMS

A high-grade device. Operative from inside at all times. A slight pressure, against, or pull up, on the crossbar will withdraw the bolts from their housings. Dogging feature at each end of crossbar. Crossbar tubing 1" O. D. Top and bottom vertical rods ⅜" diam. Center case 8 1/16"x2", end case 5½"x2" over all.

FOR DOUBLE DOORS—OPENING OUTWARD—WHERE THRESHOLD IS USED

Where no threshold is used, vertical rod devices should have "LR" feature—specify by using prefix "LR"—example LR61127V, LR61123V, LR611V, etc.—no extra charge.

Two Vertical Rod Combination
Listed for Accident Protection Only



Inside Elevation

Inactive Door No Outside Trim — **Active Door** O. S. Trim as Shown

For Double Entrance Doors

Inactive	Active	Combination
61127V	**61123V	611V
61127V	**61123Vx2660	0611V
61127V	**61123Vx2668	00611V
61127V	**61123Vx2670	000611V

**For NL (Night Latch Action)—refer to Page No. 447.

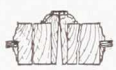
For Double Exit and Fire Escape Doors
No O. S. Trim

61127V	61127V	615V

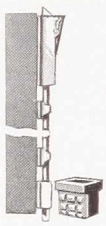
Vertical Rod Devices—Active Doors

61123V Std. Trim (No. 2580) | 61123Vx 2660 | 61123Vx 2668 | 61123Vx 2670

For data on cylinders refer to Page No. 394

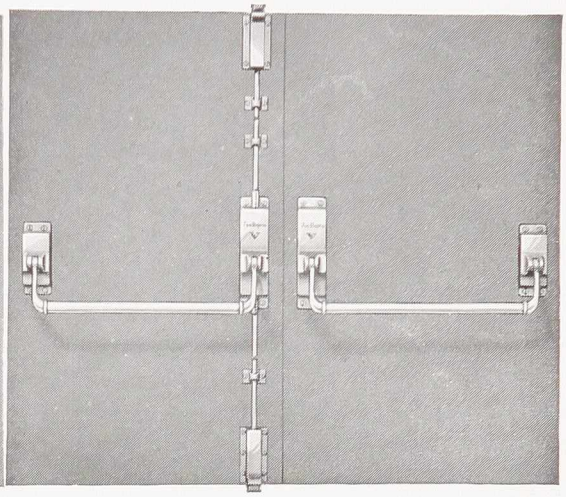


Proper astragal for double doors For details refer to Page No 412.



"LR" Feature

Vertical Rod and Mortise Lock Combination



Inside Elevation

Inactive Door No Outside Trim — **Active Door** O. S. Trim as Shown Below

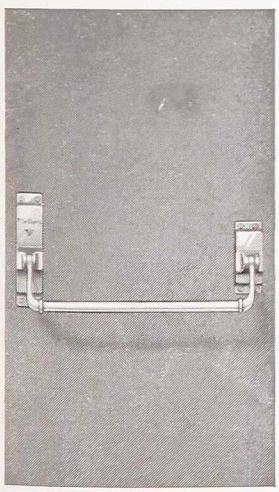
For Double Entrance Doors

Inactive	Active	Combination
*61127V	61724V	612V
*61127V	*NL61724V	613V
*61127V	*61722V	614V
*61127V	*NL61741V	614½V

For Double Exit and Fire Escape Doors
No O. S. Trim

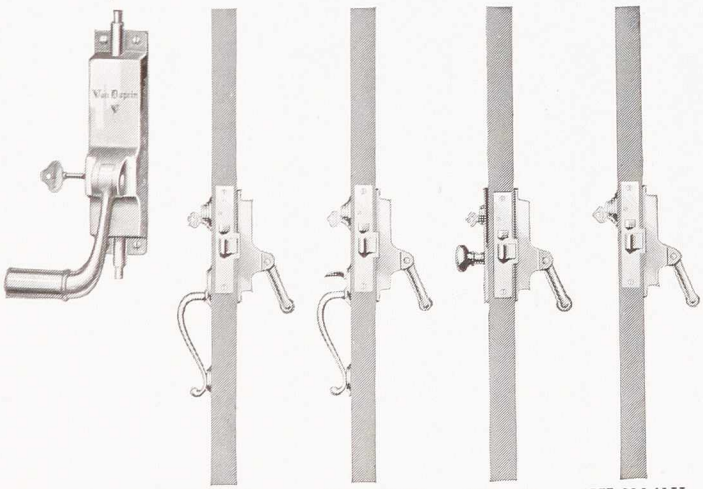
*61127V	*61730V	616V

FOR SINGLE DOORS AND ACTIVE DOORS OF DOUBLE DOORS

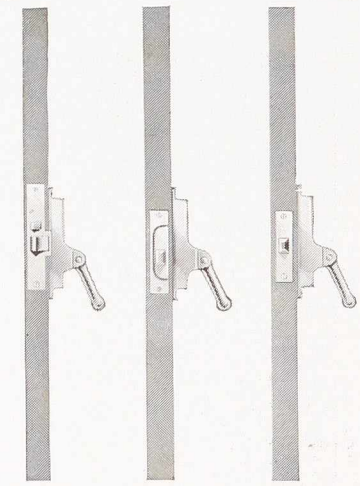


Inside Elevation

For Entrance Doors



For Exit and Fire Escape Doors



Single Doors	*61124V	*NL61124V	*61122V	*NL61141V	*61130V	61129½V	61129V
Double Doors	*61724V	*NL61724V	*61722V	*NL61741V	*61730V	.....	.....
Lock No.	24	NL24	22	NL24	2430	29R	29
Trim No.	2620R	NL2620R	2590	.....	.....	.....	.....

*For UNDERWRITERS' LABELED DOORS IN CLASS B, C, D, or E Situations: Dogging feature will be omitted—Mortise locks 24¾, NL24¾, 22¾, and 24303¾ having ¾" throw latch will be furnished. To specify, use suffix "¾" as 61127¾V, 61724¾V, 61124¾V, etc. For Double Doors equipped with closers a co-ordinator is highly desirable—Refer to No. 1243 Page No. 445. For Lock description refer to Pages No. 447 to 449. For Strike description refer to Page No. 450. For Trim description refer to Page No. 446. Instructions for ordering refer to Page No. 431. Specify Number and Finish. Refer to Page No. 32A for description of finish.

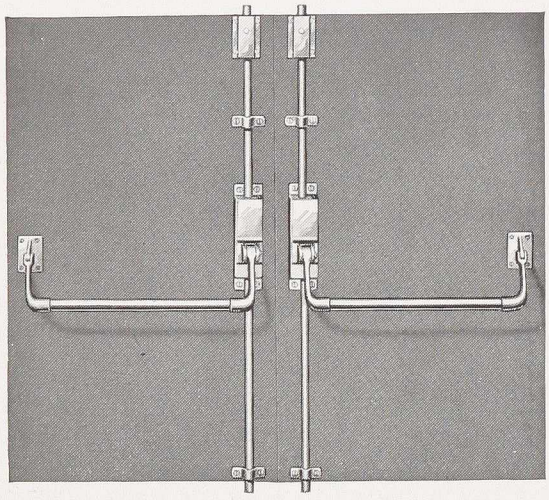
Von Duprin Type "W"

ALL BRASS OR BRONZE

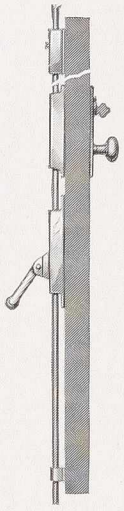
A high-grade competitive device with latch retracting dead bolts. Operative from inside at all times. A slight pressure against the crossbar releases the bolts from their housings, automatically locking the vertical rods in a retracted position: when door is closed the automatic comes in contact with the soffit strike and releases itself, again engaging bolt heads into strikes, which locks the door. Has crossbar dogging feature in lock stile case. Crossbar tubing 1" O. D. Vertical rods ½" diam. Center case 8"x2¼", end case 2⅝"x1¾" over all.

FOR DOUBLE DOORS—OPENING OUTWARD—SUITABLE WITH OR WITHOUT THRESHOLD

Two Vertical Rod Combination



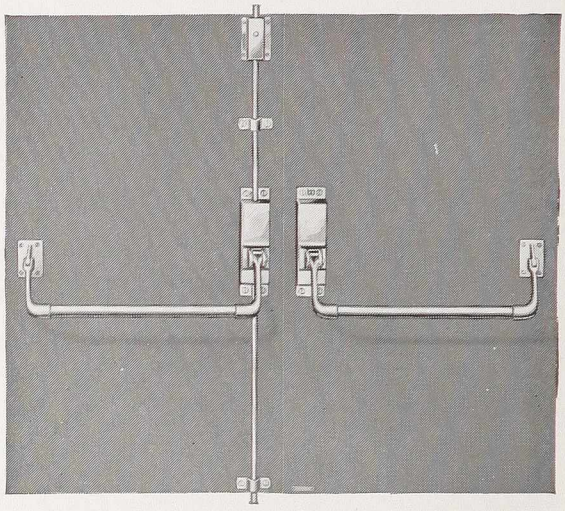
Inside Elevation



Trim No. 2580

81123W

Vertical Rod and Mortise Lock Combination



Inside Elevation

Inactive Door No Outside Trim — **Active Door** O. S. Trim as Shown

For Double Entrance Doors

Inactive	Active	Combination
81127W	*81123W	811W

*For NL (Night Latch Action)—refer to Page No. 447.

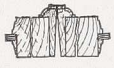
For Double Exit and Fire Escape Doors
No O. S. Trim

81127W	81127W	815W

No. 81172W Double Arm Exit Device.
For doors with overlapping astragals. For style of this device, refer to Type 91172U, Page No. 439.

When desired with Paddle instead of crossbar—specify by using prefix "P"—as P81127W, P81724W, etc.

For data on cylinders refer to Page No. 394



Proper astragal for double doors

For details, refer to Page No. 412

Inactive Door No Outside Trim — **Active Door** O. S. Trim as Shown Below

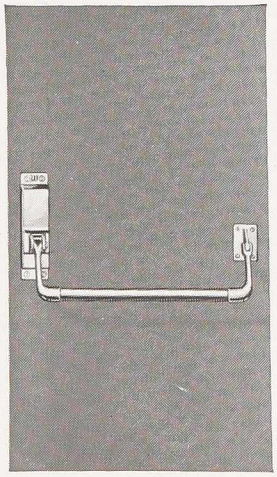
For Double Entrance Doors

Inactive	Active	Combination
81127W	81724W	812W
81127W	NL81724W	813W
81127W	81722W	814W
81127W	NL81741W	814½W

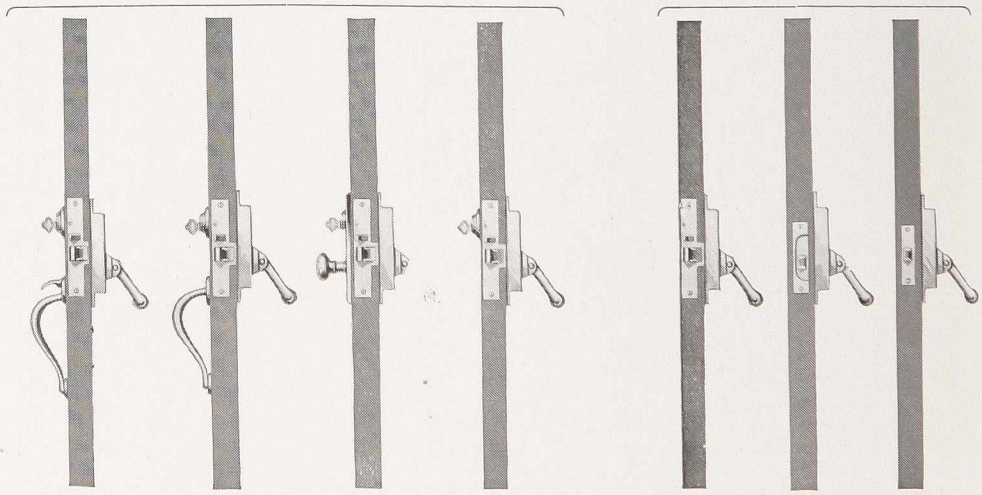
For Double Exit and Fire Escape Doors
No O. S. Trim

81127W	81730W	816W

FOR SINGLE DOORS AND ACTIVE DOORS OF DOUBLE DOORS



Inside Elevation



	For Entrance Doors				For Exit and Fire Escape Doors		
Single Doors	81124W	NL81124W	81122W	NL81141W	81130W	81129½W	81129W
Double Doors	81724W	NL81724W	81722W	NL81741W	81730W	.....	.....
Lock No.	24	NL24	22	NL24	2430	29R	29
Trim No.	2640R	NL2640R	2590	.....	.....	.....	.....

For Lock descrption, refer to Pages No. 447 to 449. For Strike description, refer to Page No. 450. For Trim description, refer to Page No. 446.
Instructions for ordering, refer to Page No. 431. Specify Number and Finish. Refer to Page No. 32A for description of finish.

For Fire and Accident Protection

THE NEW-SEMI DROP FORGED-TYPE X Von Duprin

SINGLE ACTING

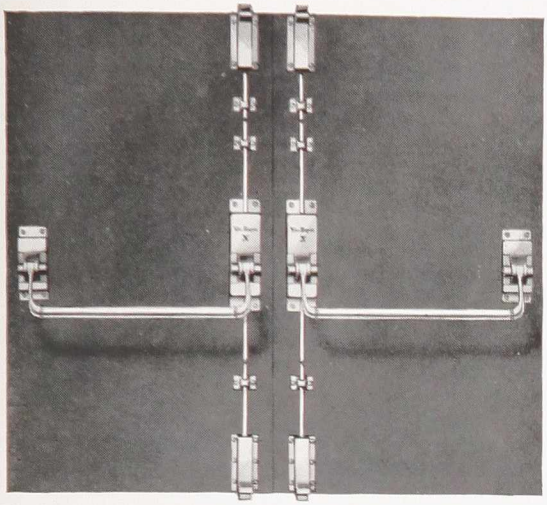
ALL BRASS OR BRONZE WITH DROP FORGED BRASS OR BRONZE TERMINAL LATCHES, ROD GUIDES, LEVER ARMS, AND STANDARD TRIMS

A high-grade competitive device with hinged top and bottom latch bolts. Operative from inside at all times. A slight pressure against the crossbar will withdraw the bolts from their housings. Dogging feature at each end of crossbar. Crossbar tubing 1" O. D. Top and bottom vertical rods ⅜" diam. Center case 8"x2¼", end case 5⅜"x2¼" over all.

FOR DOUBLE DOORS—OPENING OUTWARD—WHERE THRESHOLD IS USED

Where no threshold is used, vertical rod devices should have "LR" feature—specify by using prefix "LR"—example LR23127X, LR23123X, LR231X, etc.—no extra charge.

Two Vertical Rod Combination
Listed for Accident Protection Only



Inside Elevation

Inactive Door — No Outside Trim
Active Door — O. S. Trim as Shown

For Double Entrance Doors

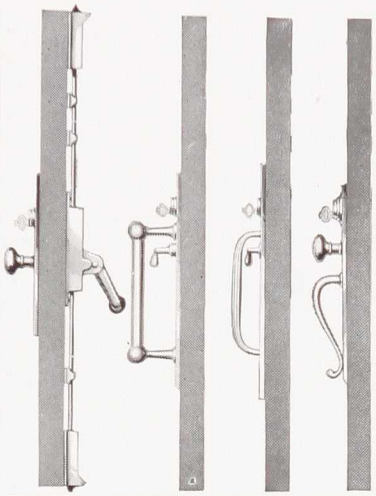
Inactive	Active	Combination
23127X	**23123X	231X
23127X	**23123Xx2660	0231X
23127X	**23123Xx2668	00231X
23127X	**23123Xx2670	000231X

* For NL (Night Latch Action)—refer to Page No. 447.

For Double Exit and Fire Escape Doors
No O. S. Trim

23127X	23127X	235X

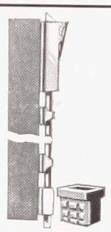
Vertical Rod Devices—Active Doors



23123X (Std. Trim No. 2580) | 23123Xx 2660 | 23123Xx 2668 | 23123Xx 2670

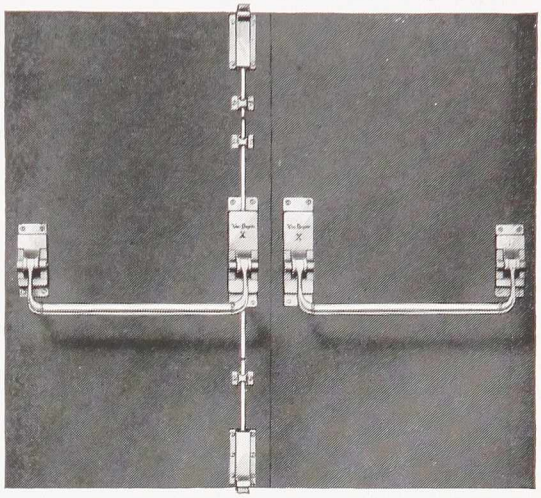
For data on cylinders refer to Page No. 394

Proper astragal for double doors For details, refer to Page No. 412



"LR" Feature

Vertical Rod and Mortise Lock Combination



Inside Elevation

Inactive Door — No Outside Trim
Active Door — O. S. Trim as Shown Below

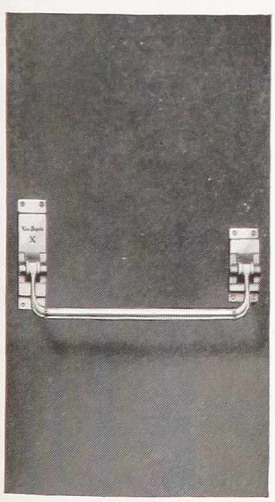
For Double Entrance Doors

Inactive	Active	Combination
*23127X	*23724X	232X
*23127X	*NL23724X	233X
*23127X	*23722X	234X
*23127X	*NL23741X	234½X

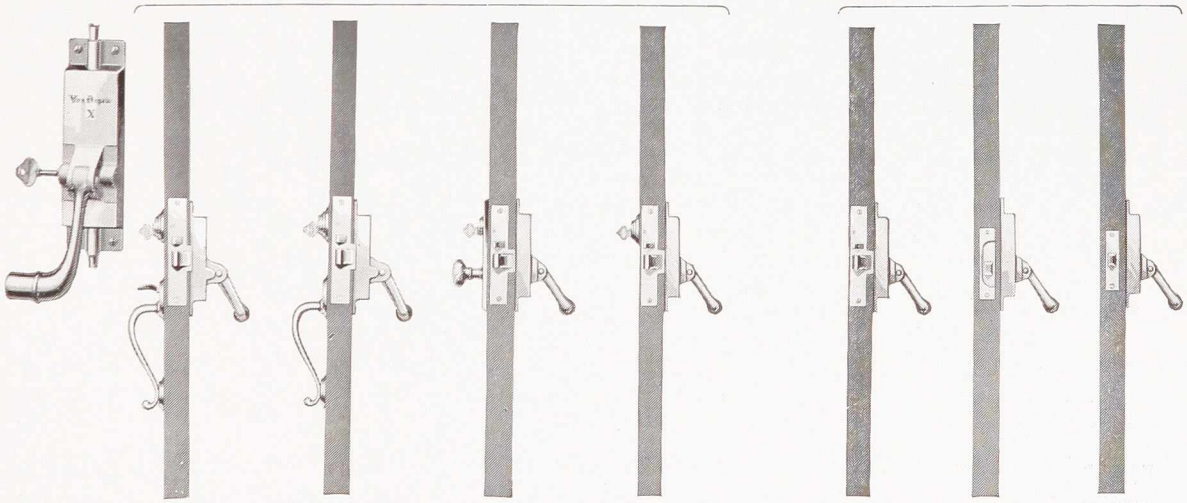
For Double Exit and Fire Escape Doors
No O. S. Trim

*23127X	*23730X	236X

FOR SINGLE DOORS AND ACTIVE DOORS OF DOUBLE DOORS



Inside Elevation



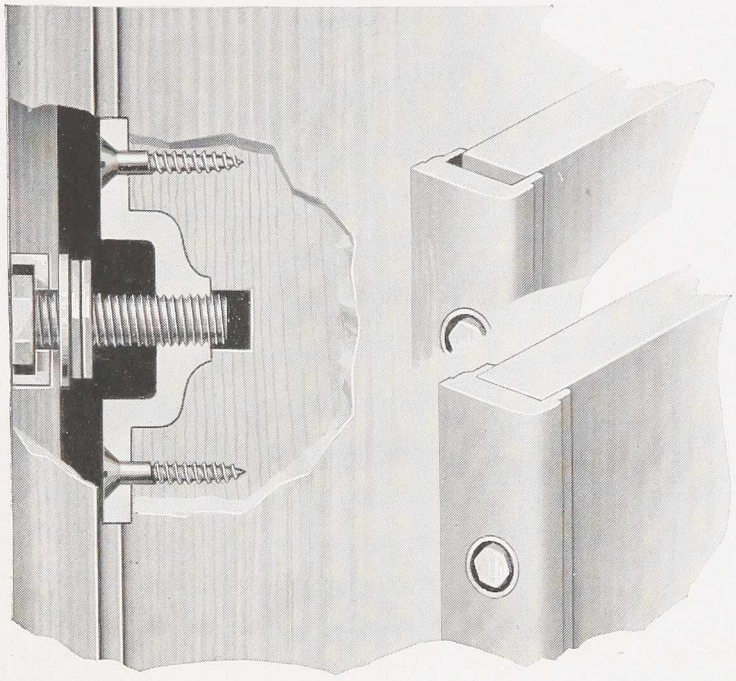
	For Entrance Doors				For Exit and Fire Escape Doors		
Single Doors	*23124X	*NL23124X	*23122X	*NL23141X	*23130X	23129½X	23129X
Double Doors	*23724X	*NL23724X	*23722X	*NL23741X	*23730X	.....	.....
Lock No.	24	NL24	22	NL24	2430	29R	29
Trim No.	2620R	NL2620R	2590	.....	.....	.....	.....

*For UNDERWRITERS' LABELED DOORS IN CLASS B, C, D or E Situations: Dogging feature will be omitted—Mortise locks 24¾, NL24¾, 22¾ and 2430¾ having ¾" throw latch will be furnished. To specify use suffix "¾" as 23127¾X, 23724¾X, 23124¾X etc. For Double Doors equipped with closers a co-ordinator is highly desirable—Refer to No. 1243 Page No. 445. For Lock description refer to Pages No. 447 to 449. For Strike description refer to Page No. 450. For Trim description refer to Page No. 446. Instructions for ordering refer to Page No. 431. Specify Number and Finish. Refer to Page No. 32A for description of finish.

Compensating Astragal Fixture No. 1246

All Brass—Patent No. 1922860

For use on double doors without overlapping astragals, each door operating independently of the other, equipped with panic devices or push and pull hardware.



On Wood Doors—Shrinkage permits picking of lock and loss of heat—swelling prevents doors from closing properly.

On Metal Doors—When being installed, often the gap is too great or the doors rub and bind.

All these objections are overcome by the use of the Von Duprin Compensating Astragal Fixture, which makes possible the easy adjustment of the clearance between the doors and which adjustment remains fixed.

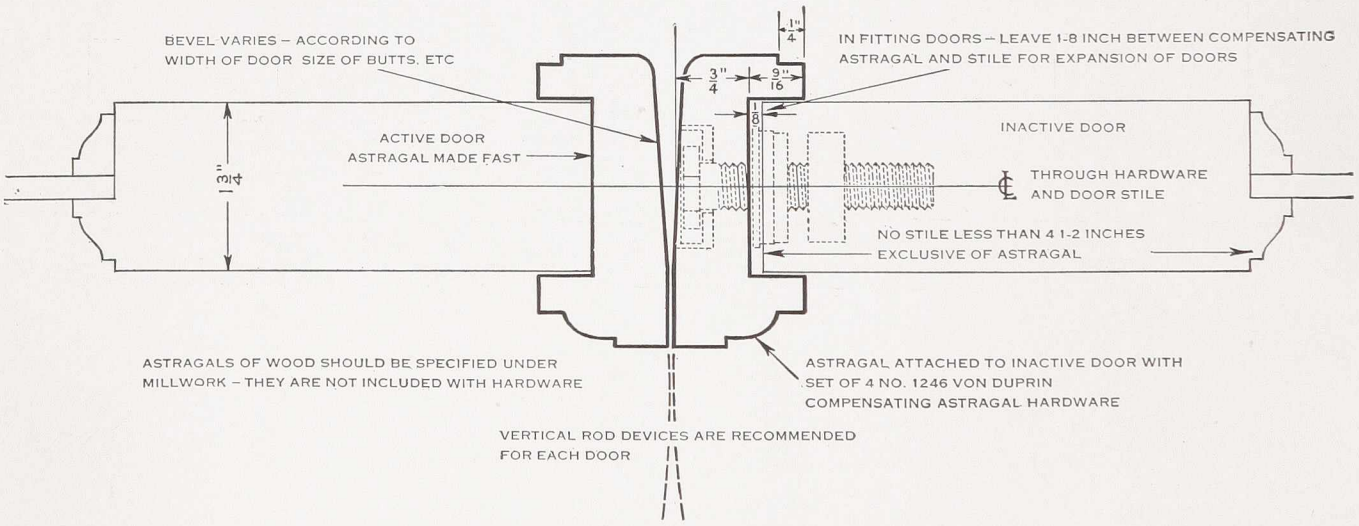
When doors swell or shrink, **custodian of building** performs labor of keeping doors in perfect adjustment, **skilled labor being unnecessary**—a tremendous saving to the owners.

Astragals are not a part of this fixture. If of wood, can be furnished by any mill. If of metal, can be furnished by metal door manufacturer.

Full size drawings showing suggested details of wood or metal astragals will gladly be furnished on request.

A set consisting of 4 fixtures is required for each pair of doors.

One set of wrenches for application and adjustment is required for each building.

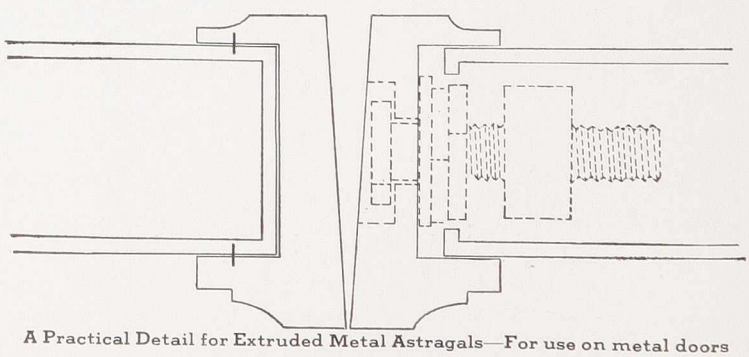


For satisfactory Panic Device Hardware we recommend a two vertical rod combination in any type—example as our Comb. 11B2, page 435, and Threshold No. 12394, page 443.

When Panic Devices with mortise locks are used: The strikes must be special, having extended lips and extended open backs, and must be bolted to the adjustable astragal.

For Dead Locking Hardware where Self-Releasing Exit Devices are not used: Place the mortise top and bottom bolts and mortise dead lock on edge of active door—only lock strike is to be applied to the adjustable astragal on the inactive door.

Hardware suppliers and door manufacturers must work from the same detail.

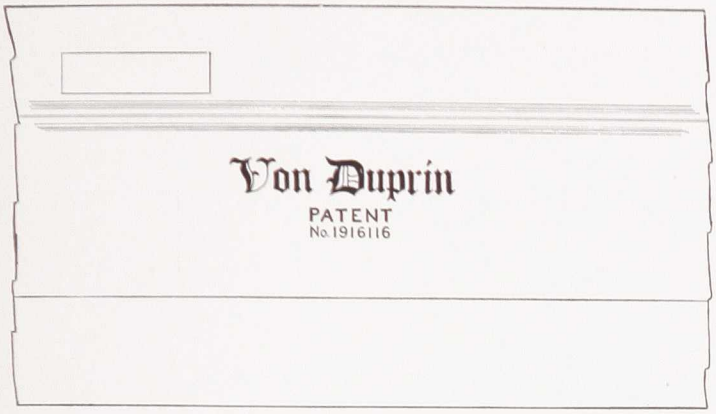


A Practical Detail for Extruded Metal Astragals—For use on metal doors

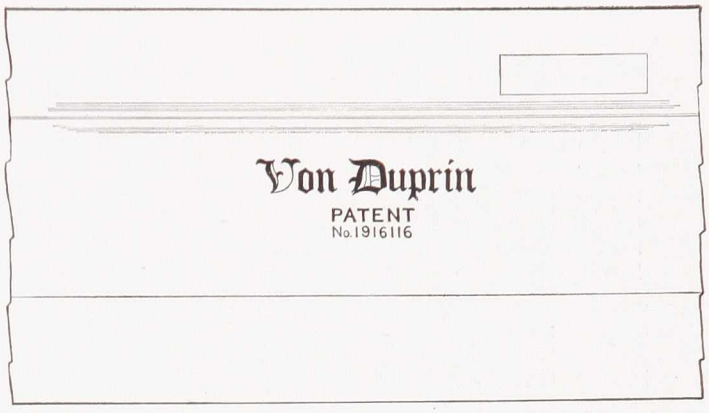
Von Duprin All Weather Threshold

Extruded Bronze or Aluminum

Designed especially for the proper co-ordination with Von Duprin Fire and Panic Exit Devices and are extremely desirable for any single or double door opening outward.

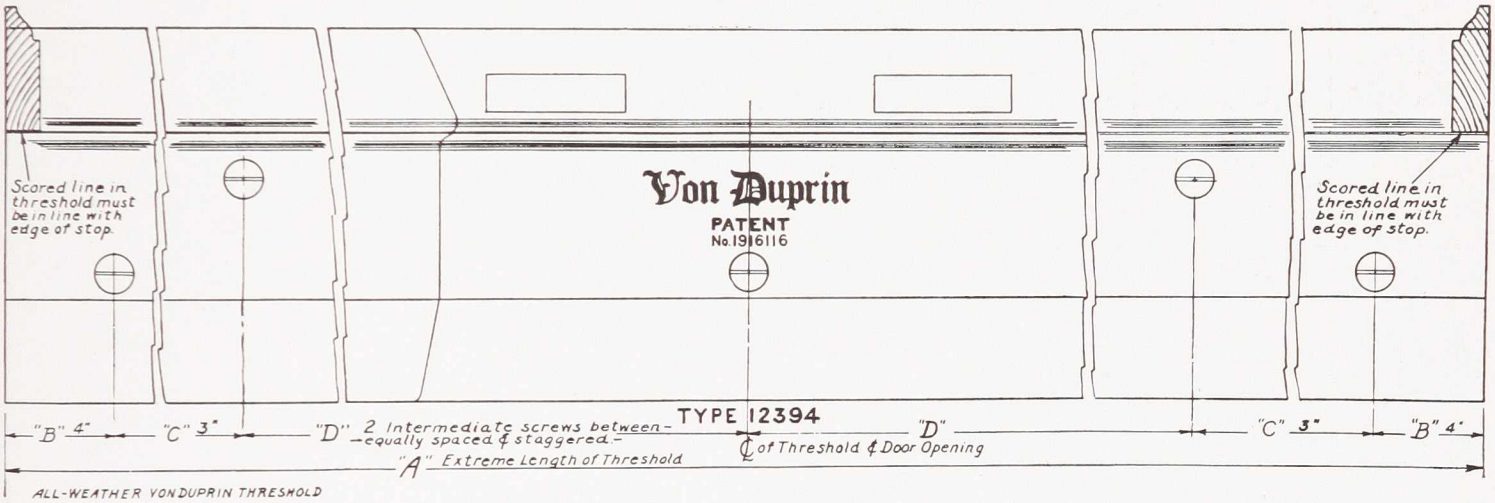


CENTER SECTION OF TYPE 12393



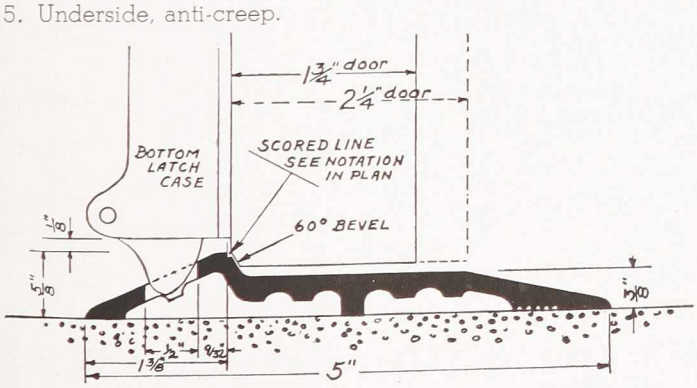
CENTER SECTION OF TYPE 12392

NOTE—Von Duprin Thresholds Nos. 12392, 12393 and 12394 are made only for use with Von Duprin Vertical Rod Devices. Only **Genuine Von Duprin Thresholds** will work satisfactorily with Von Duprin Exit Devices.



ALL-WEATHER VONDUPRIN THRESHOLD

1. Windbreak.
2. Water-shed.
3. Full length buffer for stopping doors in perfect alignment.
4. Anti-stumble; no exaggerated elevations, but all tapering and rounding.
5. Underside, anti-creep.
6. Underside, Weeps for stopping water travel.
7. Three-point bearing contact to prevent sagging, wind or water blowing under bottom of threshold.
8. Eliminates the necessity for special weather strip at the bottom of door.



We suggest that threshold be set in caulking compound to seal the bottom to the sill.

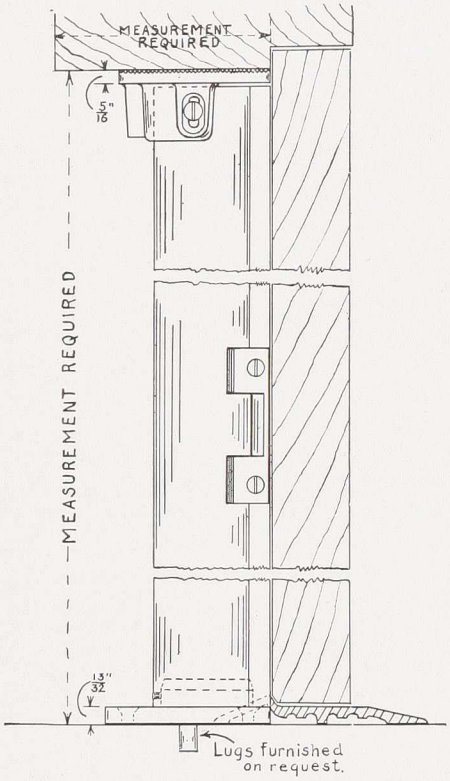
Type or Number		For Door Openings Equipped With	Stock Lengths
Bronze	Aluminum		
12392	AL12392	Vert. Rod Device on RHRB Door	5'-0", 5'-6", 6'-0", 6'-6"
12393	AL12393	Vert. Rod Device on LHRB Door	Other Lengths to Order
12394	AL12394	Vert. Rod Device on Both Doors	
12390	AL12390	For Single and Double Doors Openings without Vertical Rod Devices	
12390B	AL12390B	Blank, cut to length, not drilled, no screws nor expansions.	From Stock in any Length

Material—Architectural Bronze or Aluminum, Natural Finish. Polished finish to special order only. Nos. 12390, 12392, 12393, 12394 complete with 1¼"x⁵⁄₁₆"—18 Flat Head Brass Machine Screws and Ackerman-Johnson Type Shields. For Aluminum Thresholds the Machine Screws are Dull Chromium Plated.

No. 1252 Von Duprin Mullion

ON RECONSTRUCTION WORK

Especially desirable where Double Doors are being converted into Single Doors.

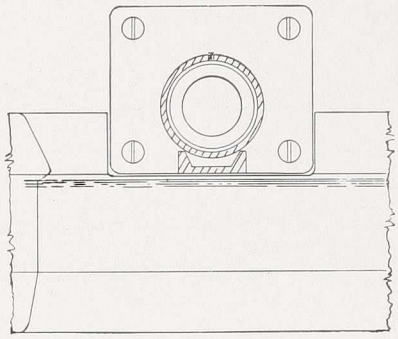


Body—2" Iron Pipe—2⅜" O. D.
Stop—½"x1½" Channel Iron.
Fittings—Cast Iron.
Strikes—Cast Brass or Bronze.
Finish—Shop Coat Gray Paint.
Shipping Weight—Approx. 40 lbs. Complete with Screws.

In using Von Duprin Rim Devices—
Old mortise do not interfere—all are plugged.
Requires no cutting of doorstile to weaken same.
Permits old doors to be fitted in their normal position.

Von Duprin All-Weather Threshold No. 12390 are recommended to make a complete weather-proof installation—see illustration above.

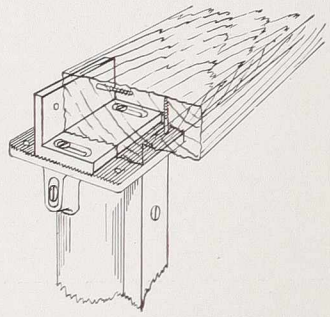
When ordering specify:
Height of opening.
Type of Sill—Stone, Wood or Concrete.
Width of Transom Bar exclusive of Door Rabbet.
Suggest sending section drawing of Transom Bar.



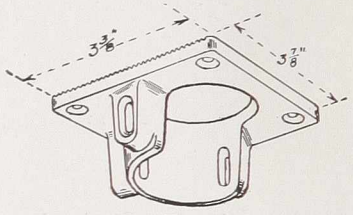
Showing application of No. 12390 Threshold

REMOVABLE

Removing only 3 Machine Screws permits removal of Mullion to give clear Double Door Opening.

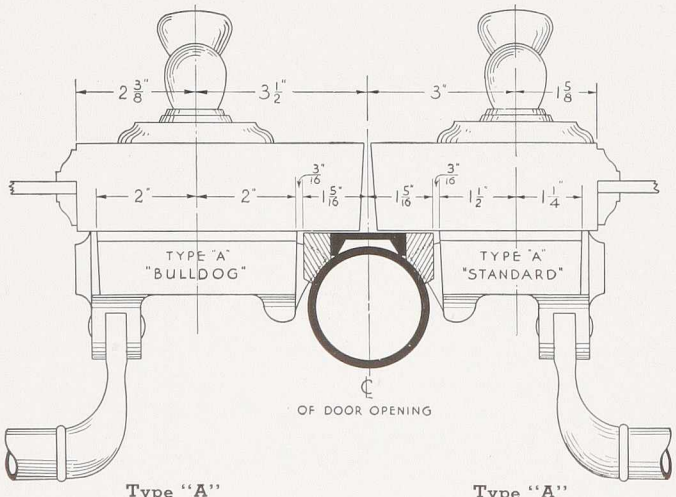


No. 1253C ADJUSTABLE Soffit Angle Plate for Narrow Transom Bars—furnished only when specified



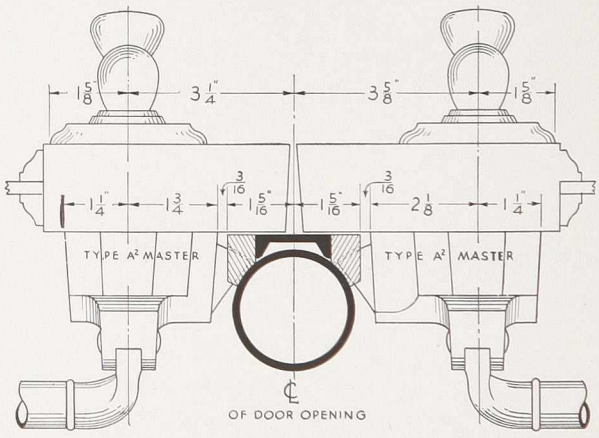
Top Fitting

No. 1252C Universal Bottom Plate
(with 2 Bearing Lugs when requested)



Type "A" Bulldog Minimum Stile 5¾"

Type "A" Standard Minimum Stile 4⅝"



Type "A2" Master Regular Backset Minimum Stile 4⅞"

Type "A2" Master Special Backset Minimum Stile 5¼"

Strikes No. 249½ as shown are regularly furnished with No. 1252 Mullion.

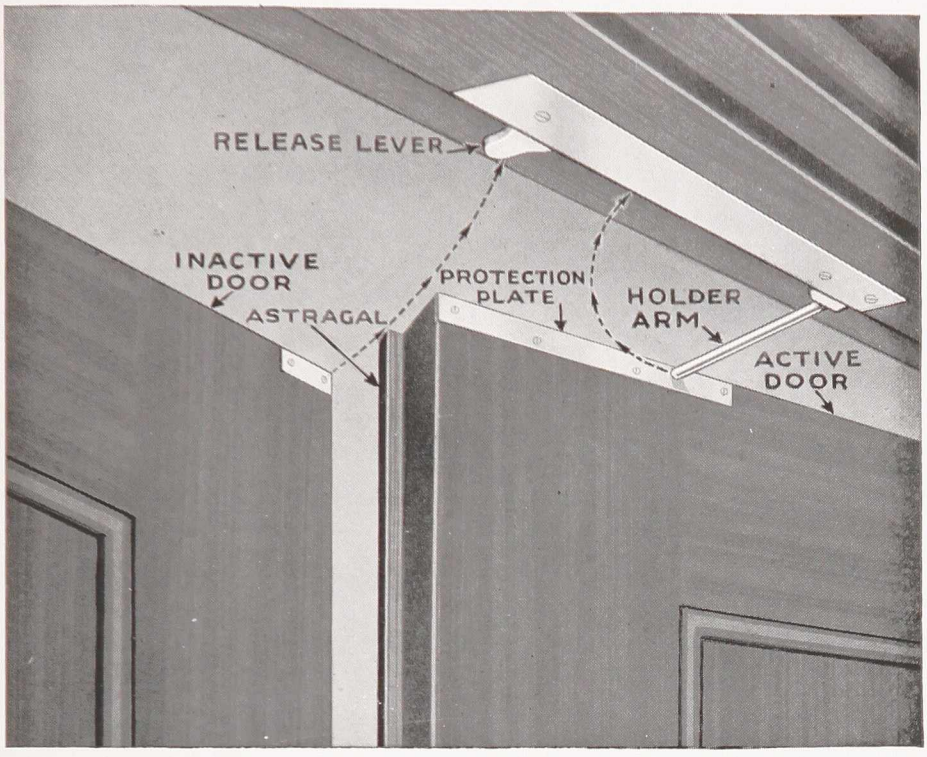
Roller Strikes with adjustable feature, if desired, can be furnished only by the use of special mullion fittings. Details and prices on request.

Detail showing minimum width of stiles when Mullions are used with Von Duprin Rim Devices.

Von Duprin Coordinator No. 1243

Patented No. 2015996

Coordinating, Interference or Controlling Device for double doors with overlapping astragal or rabbeted face doors to insure the closing of the inactive door before the active door closes.



Active door is held open by Holder Arm until inactive door engages the Release Lever. This causes Holder Arm to travel into the case of the device and permits the active door to close only after the inactive door has first closed.

When inactive door is closed, its pressure against Release Lever causes the Holder Arm to remain within the case and permits active door to open and close normally.

When inactive door is opened a compression spring forces the Release Lever and Holder Arm into extended position as shown. The Holder Arm is automatically locked in the open position and can be retracted only when inactive door contacts the Release Lever.

Cast Brass or Bronze

Applied to Soffit—Inside of doors—can be mortised flush into stop, or surface mounted on stop as desired.

Reversible—Will fit regardless of which door is active.

Universal—Will fit any normal and many unusual conditions.

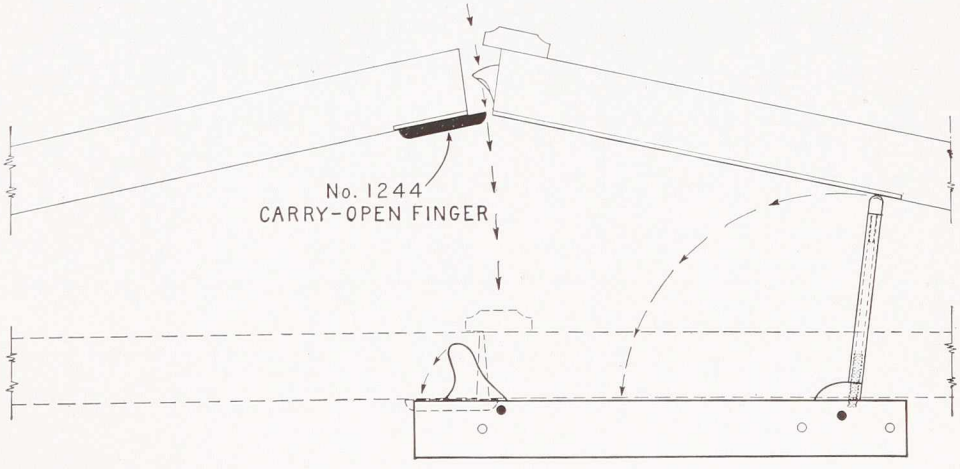
Size of Case—1½" wide, 13" long, ⅝" thick.

Holder Arm is furnished 7½" long—to be cut to proper length on job to meet condition. If cut off too short in error, new arms only can be furnished. In cutting arm make same ½" shorter than required length, then drive in the special bullet nosed tip.

For Proper Operation—Holder Arm must be cut off for correct length to hold active door open just far enough to permit the inactive door to clear. Therefore, when inactive door is opened, carrying with it the active door, the Holder Arm will extend fully and lock in the hold-open position when the inactive door clears the active door.

Approved by Underwriters' Laboratories for use on pairs of doors in Class A, B, C, D and E Situations.

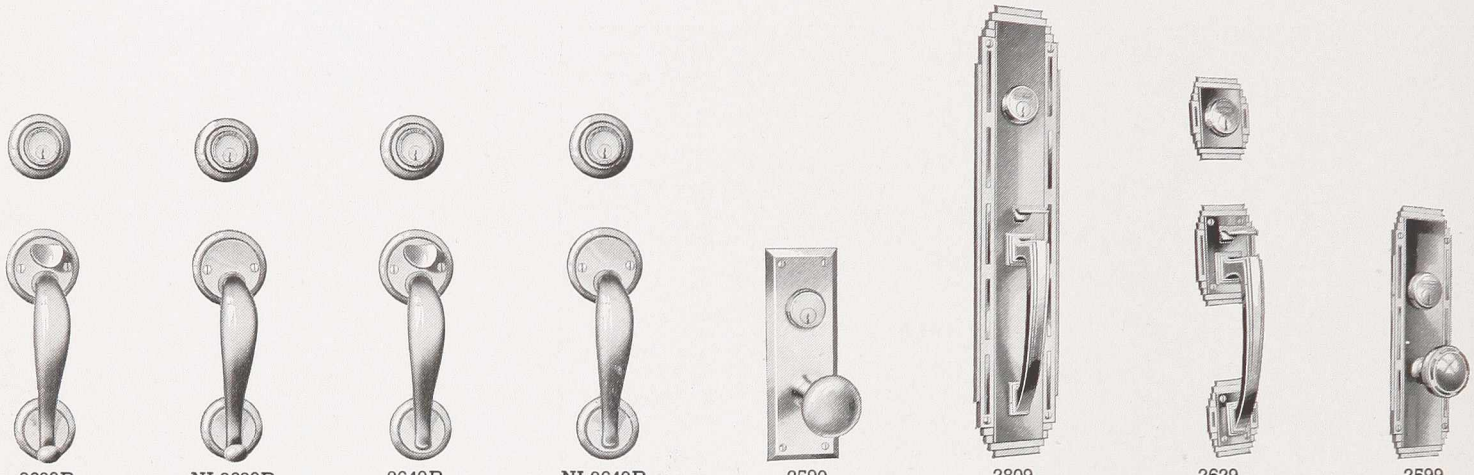
When latch bolt projects beyond astragal (as in Underwriters' requirements for ¾" throw latch) specify Carry-Open Finger No. 1244 for application to inside of Inactive Door just below soffit. Holder Arm must then be cut off for correct length to hold active door open just far enough to permit Carry-Open Finger to clear the active door. (See illustration.)



Standard Von Duprin Outside Trim

ALL BRASS OR BRONZE

FOR RIM AND MORTISE LOCK DEVICES

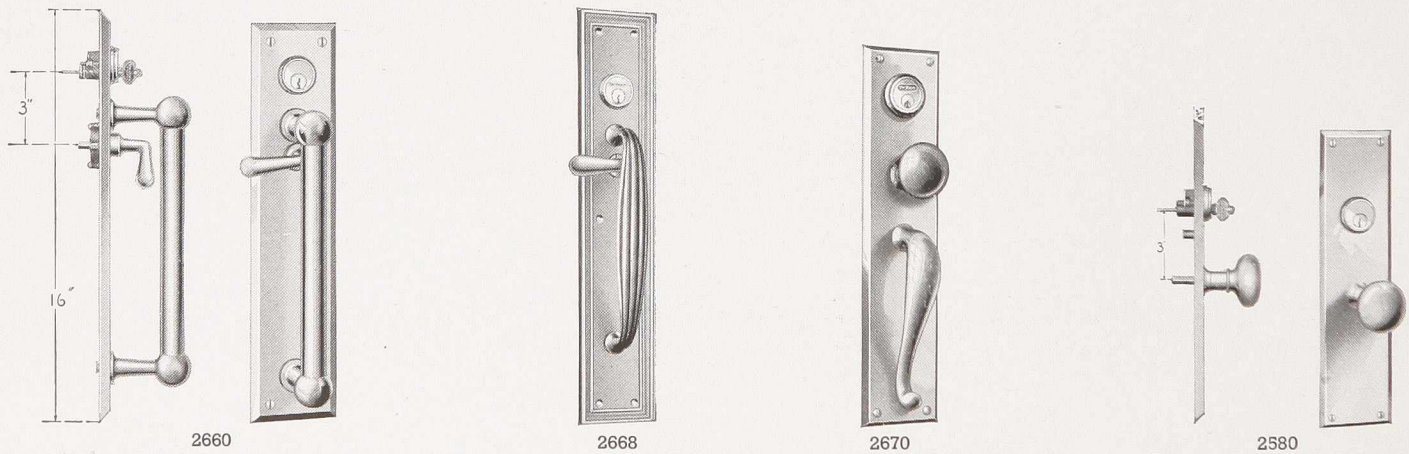


2620R NL2620R 2640R NL2640R 2590 2809 NL2809 2629 NL2629 2599 2589

DIMENSIONS

Number	Size Overall Inches	Grip or Knob Inches	Cylinder Collar Inches	Plates Inches	Plates Inches	Regularly furnished with Von Duprin Devices as follows:
*2620R	14	7½	2⅝	3¼ Diam.	2⅝ Diam.	B2 V. X
*NL2620R	14	7½	2⅝	3¼ Diam.	2⅝ Diam.	Master and Bulldog Rim Types
*2640R	14	7½	2⅝	3¼ Diam.	2⅝ Diam.	U, W
*NL2640R	14	7½	2⅝	3¼ Diam.	2⅝ Diam.	Standard Rim Type A
*2580	See description below		.....	.....	.....	K1045A2, K1046A2
†*2590	8 x 2½	2¼	.....	.....	.....	All devices having Lock No. 22
2809	18 x 3½	7¼	.....	.....	.....	When specified with devices
2629	15¾	7¼	3¼ x 2⅝	4 x 2⅝	3 x 2¼	having Lock No. 24
2589	12 x 3	2¼	.....	.....	.....	When specified with devices
2599	9 x 2¾	2¼	.....	.....	.....	having Lock No. 22
NL2809	18 x 3½	7¼	.....	.....	.....	When specified with devices
NL2629	15¾	7¼	.....	.....	.....	having Lock No. NL24

FOR VERTICAL ROD DEVICES

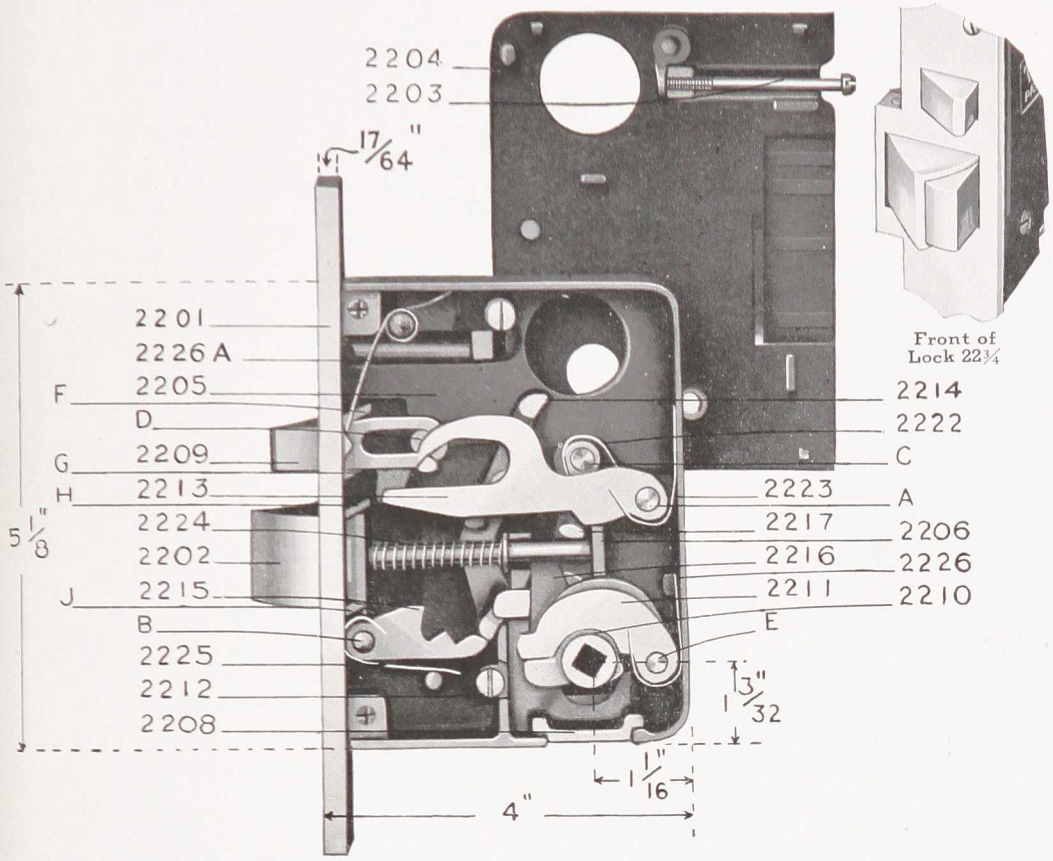


2660 2668 2670 2580

Number	Size Overall Inches	Grip Inches	Lever Inches	Knob Inches	Regularly furnished with Von Duprin Devices as follows
*2580	12 x 3	.....	.....	2¼	B2 V X W having terminals "23"
2668	17½ x 3⅜	11¼	3¼	.....	When specified for Types
2660	16 x 3½	10	3¼	.....	B2 V X and W
2670	16 x 3½	7½	.....	2¼	having terminals "23"

*Drop Forged.
†Also used on "U Iron" Vertical Rod Devices.
Cylinders are not included with trim and must be specified separately.
Dummy Trim—Any of the above trims can be furnished to serve as Dummy Trim for pull on Inactive Door. Specify number desired with suffix "DT" as 2620R DT, etc. Unless otherwise ordered, neither cylinder collar nor dummy cylinder will be included—levers and thumbpieces will be omitted.
OTHER DESIGNS—When Outside Trim of design other than standard is desired, we can furnish (at difference in price) any Sager Trim shown in the Design Section of this catalog. The substitute Trim must be of same type and function as those regularly furnished.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

Lock No. 22 Listed with Devices having Terminal "22"



Case—Cast iron, japanned.

Front—Cast brass or bronze (same as shown for Lock 24).

Bolts—Cast brass or bronze. Main bolt, hinged type.

Cylinder—One No. 3215. See Page No. 449.

Strike—See Page No. 450.

Backset—2⅞".

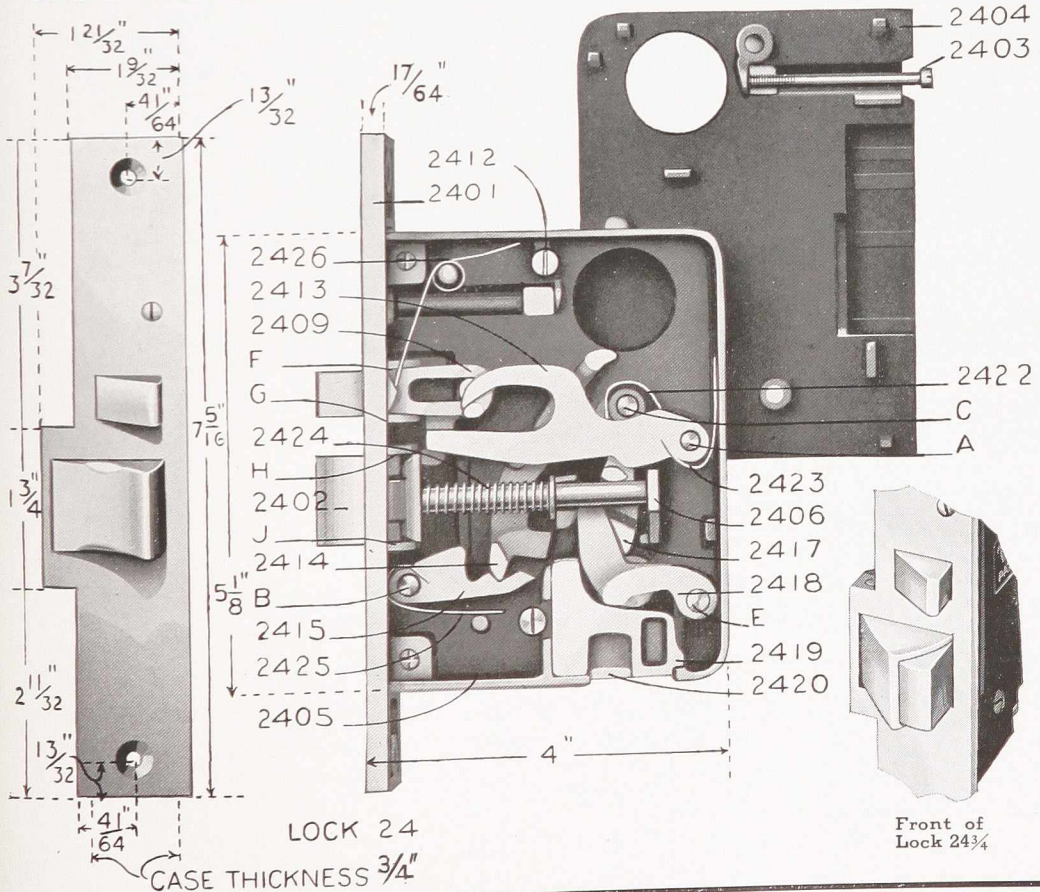
Spacing—Center of cylinder to center of knob, 3 7/32". Center of cylinder to bottom of bar lift 4 5/16".

Not Reversible—Specify handing.

Operation—Main hinged latch bolt is operable, from inside by crossbar at all times—from outside by knob except when knob is set by key. Key also controls mechanism to hold latch bolts retracted. When door is closed auxiliary latch bolt deadlocks the main latch bolt against end pressure.

Lock No. 22¾—Same as No. 22 except main latch bolt has full ¾" throw for Underwriters' Labeled Doors in Class B, C, D or E situation. Latch retracing feature is omitted.

Lock No. 24 Listed with Devices having Terminal "24"



Case—Cast iron, Japanned.

Front—Cast brass or bronze.

Bolts—Cast brass or bronze, main bolt hinged.

Cylinder—One No. 3215 Page see, No. 449.

Strike—See Page No. 450.

Backset—2⅞".

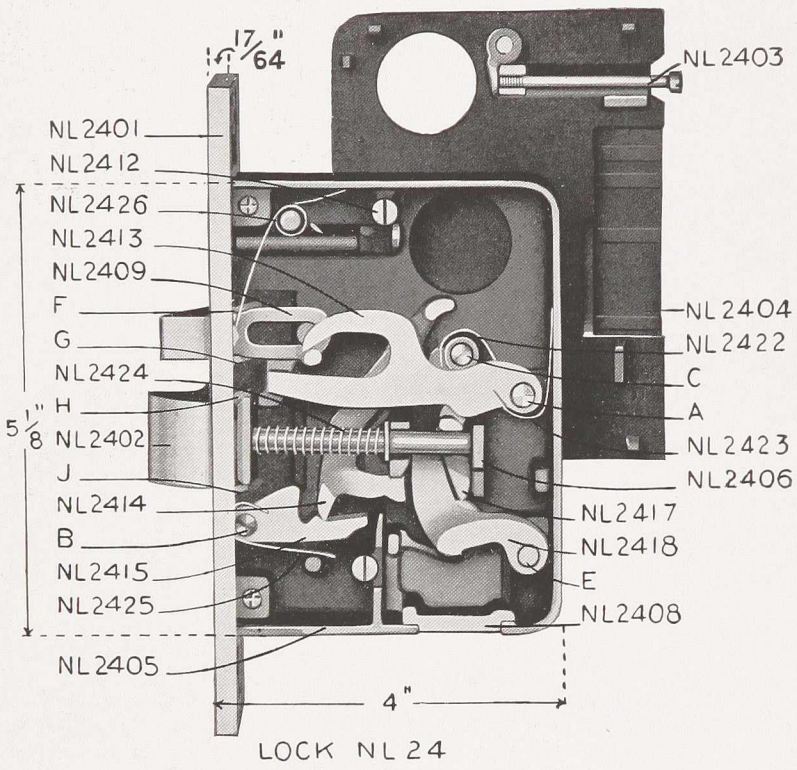
Spacing—Center of cylinder to bottom of lift 4 5/16".

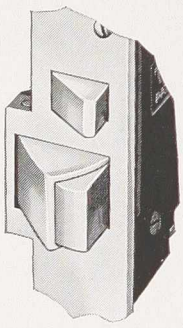
Not Reversible—Specify handing.

Operation—Main hinged latch bolt is operable, from inside by crossbar at all times—from outside by thumbpiece except when thumbpiece lift is set by key. Key also controls mechanism to hold latch bolts retracted. When door is closed, auxiliary latch bolt deadlocks the main latch bolt against end pressure.

Lock No. 24¾—Same as No. 24 except main latch bolt has full ¾" throw for Underwriters' Labeled Doors in Class B, C, D or E situations. Latch retracting feature is omitted.

Lock No. NL24 Listed with Devices having Prefix "NL" and Terminal "24" or "41"





Front of Lock NL24¾

Case—Cast iron, japanned.

Front—Cast brass or bronze.

Bolts—Cast brass or bronze, main bolt hinged.

Cylinder—One No. 3215, see Page No. 449.

Strike—See Page No. 450.

Backset—2⅞".

Spacing—Center of cylinder to bottom of lifts 4 5/16".

Not Reversible—Specify handing.

Operation—Main hinged latch bolt is operable, from inside by crossbar at all times—from outside by key only. Key also controls mechanism to hold latch bolts retracted. When door is closed, auxiliary latch bolt deadlocks the main latch bolt against end pressure.

Lock No. NL24¾—Same as No. NL24 except main latch bolt has full ¾" throw for Underwriters' Labeled Doors in Class B, C, D or E situations. Latch retracting feature is omitted.

LATCH NO. 2430. LISTED WITH DEVICES HAVING TERMINAL "30"

Alike in every respect to Lock No. NL24 except no cylinder is required and parts Nos. NL2414, NL2415, NL2425 are omitted.

Operation—Main hinged latch bolt is only operable from inside by crossbar at all times. When door is closed auxiliary latch bolt deadlocks the main latch bolt against end pressure.

Latch No. 2430¾—Same as No. 2430 except main latch bolt has full ¾" throw for Underwriters' Labeled Doors in Class B, C, D or E situations. Latch retracting feature is omitted.

LOCKING CONTROLS FOR VERTICAL ROD DEVICES HAVING TERMINALS "23"

All mechanism for **Operating** and **Locking** Vertical Rod Devices from outside of door is contained within the center case of the device.

Operation—Top and bottom bolts are operable, from inside by crossbar at all times—from outside by knob or lever except when same is set by key. Rim cylinder No. 3216 is used.

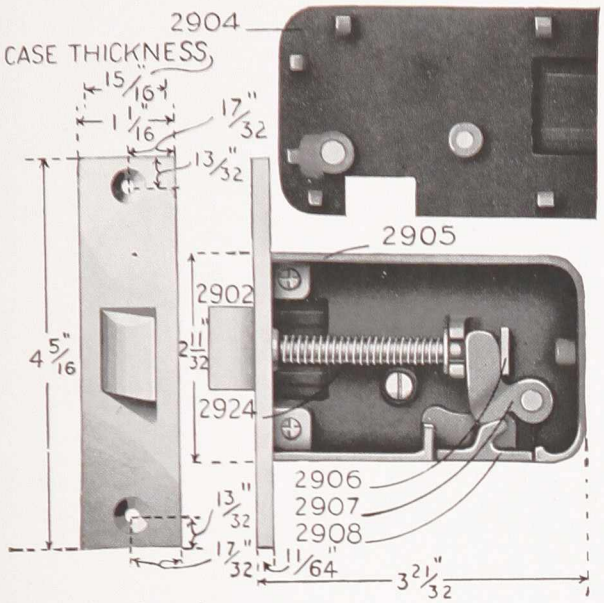
NIGHT LATCH ACTION—Can be furnished (at no extra charge) on any Vertical Rod Device listed with Terminal "23". **To specify use prefix "NL" as NL1123B2.**

Operation—Top and Bottom Bolts are operable—from inside at all times—from outside by lever or knob only when key is in the cylinder and given a half turn. When key is removed the lever or knob is rigid. Dogging Device must be ordered for devices not regularly equipped with same so doors may be used as push and pull during daytime.

Specify Number and Finish. Refer to Page No. 32A for description of finish.

Latch No. 29

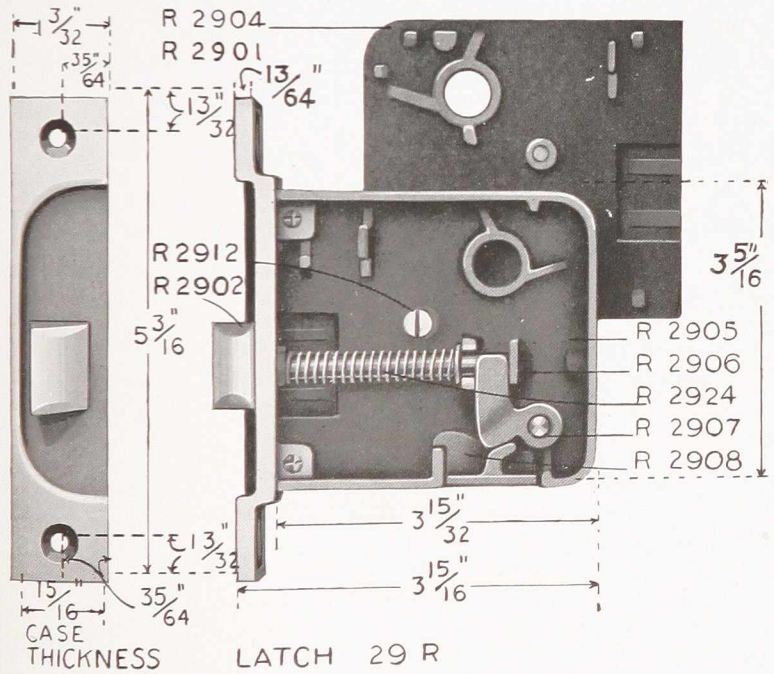
Used with Devices having Terminal "29"



Case—Cast Iron, Japanned.
Front—Cast Brass or Bronze.
Bolt—Cast Brass or Bronze.
Backset—2½". **Strike**—No. 226J. Page No. 450.
Reversible.
Operation—Latch bolt is operable only from inside and at all times by crossbar. Suitable for single or double interior doors.

Latch No. 29R

Used with Devices having Terminal "29½"



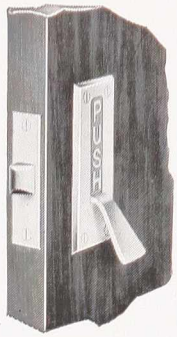
Case—Cast Iron, Japanned.
Front—Cast Brass or Bronze.
Bolt—Cast Brass or Bronze.
Backset—2¾". **Strike**—No. 229RJ. Page No. 450.
Not Reversible—Specify Handing.
Operation—Latch bolt is operable only from inside and at all times by crossbar. Recessed Face (non-pickable) makes same suitable for single exterior doors.

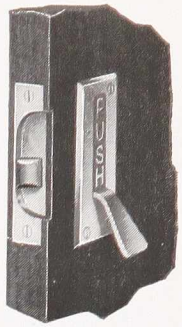
Specify Number and Finish. Refer to Page No. 32A for description of finish.

Fire and Panic Exit Latchsets

Suitable for Single Exit and Fire Escape Doors

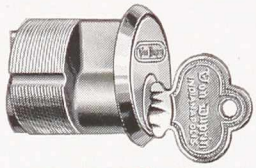
Cast Brass or Bronze —No Outside Trim. Size of Plate—1¾"x 5⅜". Heavy Reinforced Paddle.



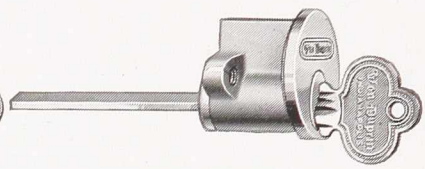


Set No.	P29	P29½
Latch No.	29	29R

Cylinders

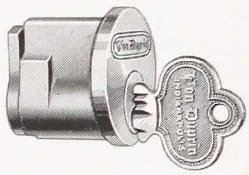


No. 3215 Mortise
Lengths (under shoulder including cam) 1"—1¼"—1½"—1¾". Furnished with mortise lock devices having terminals 22, 24 and 41.



No. 3216 Rim
Furnished with vertical rod devices having terminal 23—and with all Rim Type A and A2 locking devices, except inside of No. 1025A.

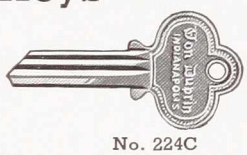
No. 3218
Dummy Cylinder



No. 3217 Special Rim Cylinder for Inside No. 1025A Bulldog

When devices are ordered without cylinders, mention whose make will be used as we must prepare our devices to suit. When devices are ordered with cylinders of other manufacture, charge is made for handling.

Keys



No. 224C
When locks are ordered keyed alike, cylinder keys are usually furnished in quantities as follows:
2 locks.....3 keys each
3 to 5 locks.....2 keys each
6 or more locks.....1 key each

No. 222 Dogging Key
For each order of devices, Dogging Keys are regularly furnished in quantities as follows:
1 device.....1 key
2 devices.....2 keys
3 to 5 devices.....3 keys
6 or more devices.....4 keys

Sex Bolts

Complete with No. 10-24 O. H. Ctsk. Machine Screws
All Brass or Bronze

Female Portion—5/16" diam. with threading 11/16" deep; diameter of head ½".

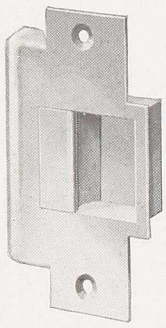
No. 225—¾" long under head. **No. 225C**—1⅛" long under head.

No. 225A. Female Portion 5/16" square, 1⅛" long under head with threading 11/16" deep; diameter of head ⅝".
When ordering consider thickness of door and projection of hardware. Types A2 and B2 Devices are regularly furnished with No. 225C for Center and End Cases, and No. 225 for Top and Bottom Latch Cases.

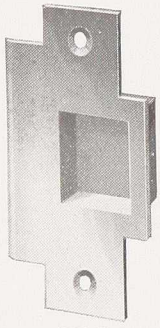
Standard Von Duprin Strikes

Strikes for Mortise Locks Nos. 22, 24, NL24, 2430

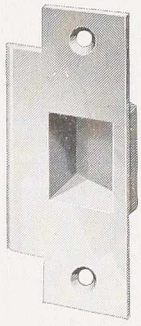
SINGLE DOOR



2250J
Collapsible



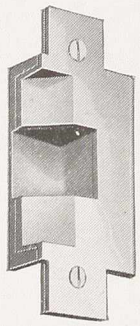
2244J
Box



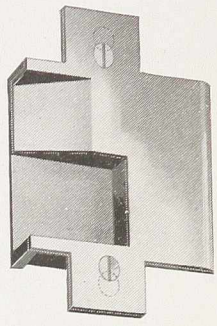
2244½J
Box for
Metal Frames

Furnished regularly as follows:
2250J—with Type B2 Devices only.
2244J—with all other types.
2244½J—with all types when applied to Metal or Kalamein frames.

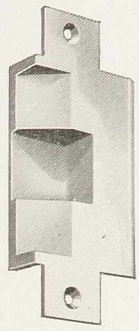
DOUBLE DOOR



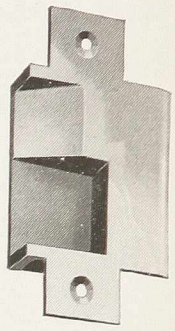
2247J
Adjustable
Reversible



247J A-B-C-D
Adjustable
Not Reversible



2245J
Reversible



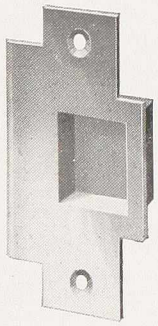
245J A-B-C-D
Not Reversible

Furnished regularly as follows:

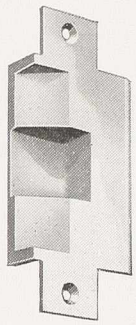
For Wood Doors	1¾"	2"	2¼"	2½"	2¾"
Type B2 only	2247J	247JA	247JB	247JC	247JD
All other types	245J	245JA	245JB	245JC	245JD

For 1¾" Hollow Metal or Kalamein Doors No. 2245J Strike is furnished with all Types.

Strikes for Locks 22¾, 24¾, NL24¾, 2430¾

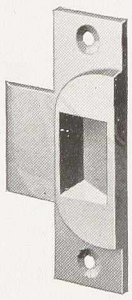


2244¾J
Single Door

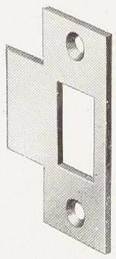


2245¾J
Double Door

Strikes for Latches

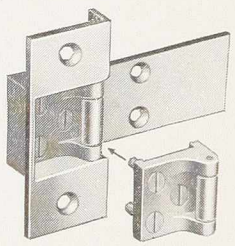


229RJ
for
29R Latch

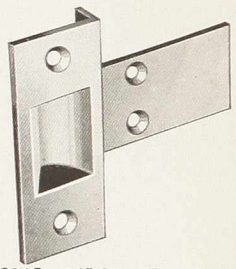


226J
for
29 Latch

Strikes for Rim Devices



With Adjustable Feature
1404J—½" Stop (Regular)
1404J9—9/16" Stop
1404J5—⅝" Stop
For Type A2 "Master"
For Type A "Bulldog"



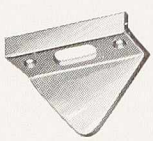
1304J—½" Stop (Regular
1304J9—9/16" Stop
1304J5—⅝" Stop
For Type A "Standard"

Strikes for Vertical Rod Devices

SOFFIT STRIKES

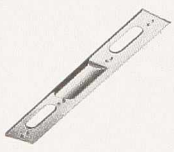
273U

271U

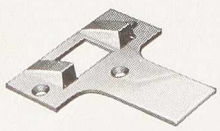


271¾U

2295U



2511L



252L

*2243L

STILL OR THRESHOLD STRIKES

251L

248L

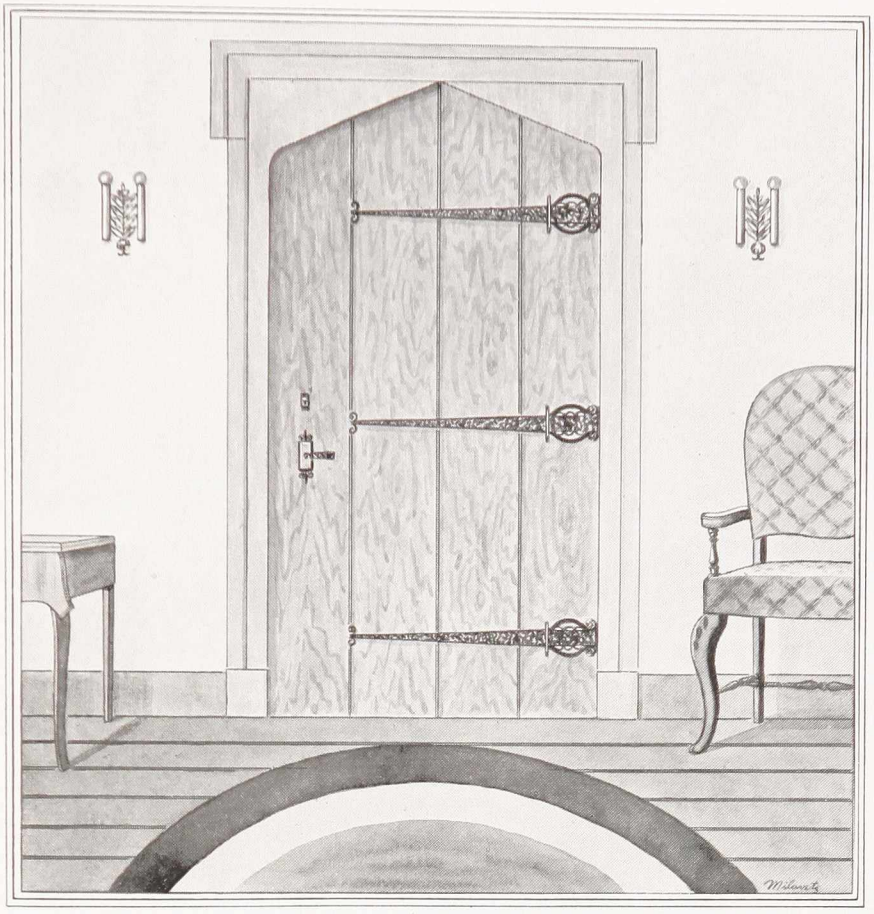
242L

	B2—V—X		U
	With Regular Hinged Latch Bolt	With "LR" Feature	
Soffit Strike	273U	271U	2295U
Threshold Strike	251L	242L (Concrete) 252L (Wood)	†2511L

No. 248L Buffer is furnished for active leaf of double doors when mortise lock device is used.
*No. 2243L Strike is furnished with Type U Vertical Rod Devises only when devices are furnished knocked down—Stock sizes.
Note: Other strikes to suit special conditions can be furnished. Send us drawing or sketch of exact detail.
Blue Print Template of any strike will be furnished on request.
Specify Number and Finish. Refer to Page No. 32A for description of finish.

SAGER Locks

FILE BETWEEN



Rustic Old Iron

In medieval times the work of the blacksmith proved to be an invaluable aid in the strengthening and support of the solidly constructed woodwork of those days. From the production of horseshoes and nails, at first his principal activity, the work of the smith gradually extended to such things as enclosing window bars and grilles in a period when glass was scarce. The need for rigid security produced such beautiful necessities as the familiar strap hinges in which the grapevine scrolls and animal and floral forms frequently abound and where the door surfaces are studded with nails. In the elaborate banding of church chests, the pretentious railings around tombs, the beauties of locks, plates, knockers and the like, wrought iron became more and more refined until it rivalled in its superb workmanship that of the silversmith. Wrought iron, both in its simple and most intricate forms, has always been a product in which good craftmanship is most apparent, and even today it is difficult to imitate it by mechanical processes.

FORGED IRON HARDWARE

FINISHES

Forged Iron Hardware is furnished regularly in three finishes known as Dead Black Iron, Relieved Iron, and Rusty Iron. The dead black finish possesses a dull flat black appearance in which earlier craftsmen were accustomed to finish their work.

The relieved iron finish resembles pieces of old iron work in which the natural grey color of the iron shows through the black finish on the slightly raised portions of the uneven metal surface. This finish is also referred to as Grey Iron, Flemish Iron, Swedish Iron, and Half Polished Iron.

The rusty iron finish, as the name implies, has the slightly reddish-brown cast of naturally rusted iron.

RUST-PROOFING

One of the outstanding characteristics of the forged iron items listed on the following pages is that they are protected to resist rust.

Before receiving the final finish every piece of Forged Iron Hardware is first heat-treated with zinc in order to prevent rust. This special rust-resisting coating adds materially to the permanence of the finish.

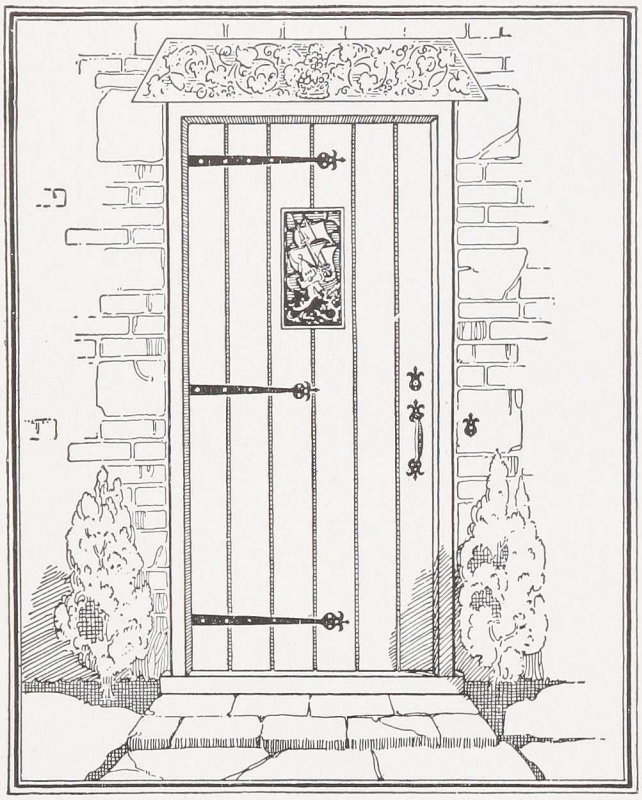
FINISH SYMBOLS

Finish Symbol	Description of Finish
DB	Dead Black Iron
K	Relieved Iron
KR	Rusty Iron

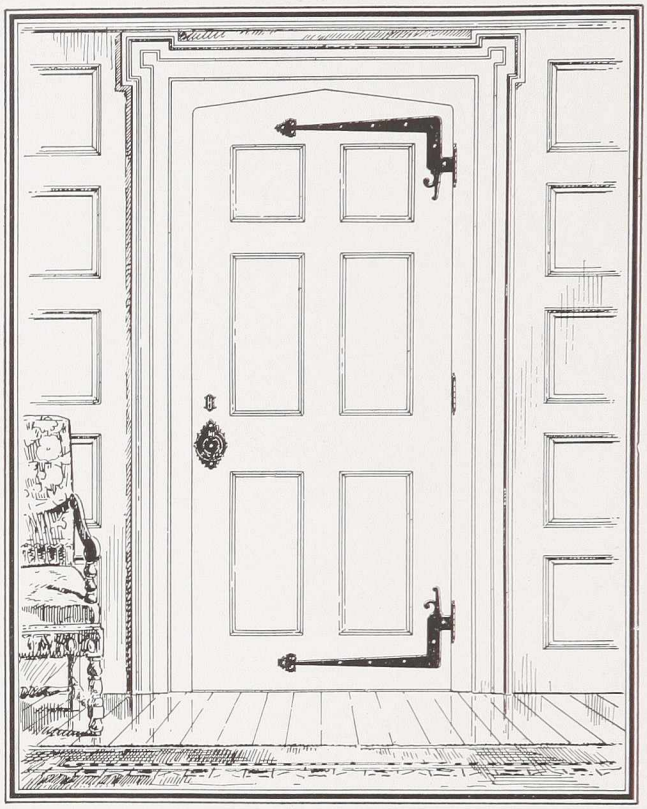
IMPORTANT: Warwick design Forged Iron Hardware, listed on the following pages, is fully protected by United States copyrights.

FORGED IRON HARDWARE

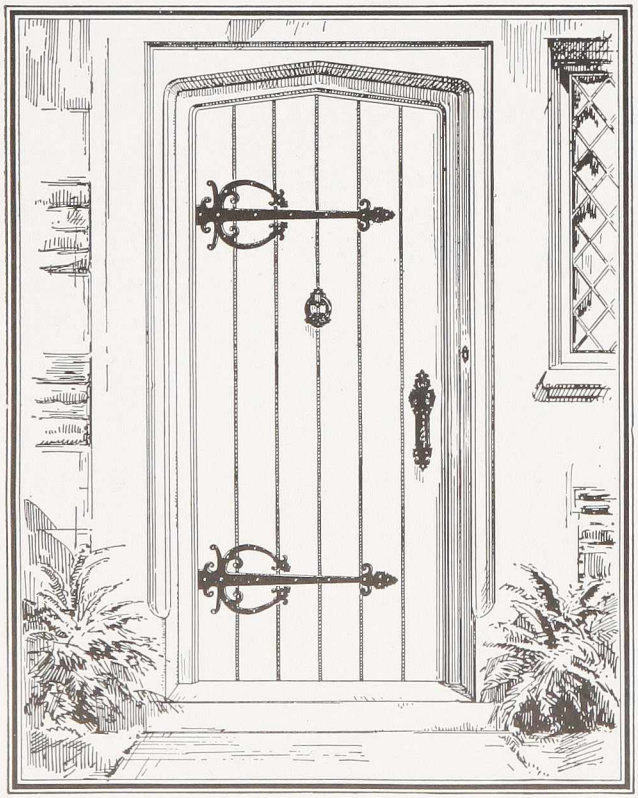
DOOR TRIM SUGGESTIONS



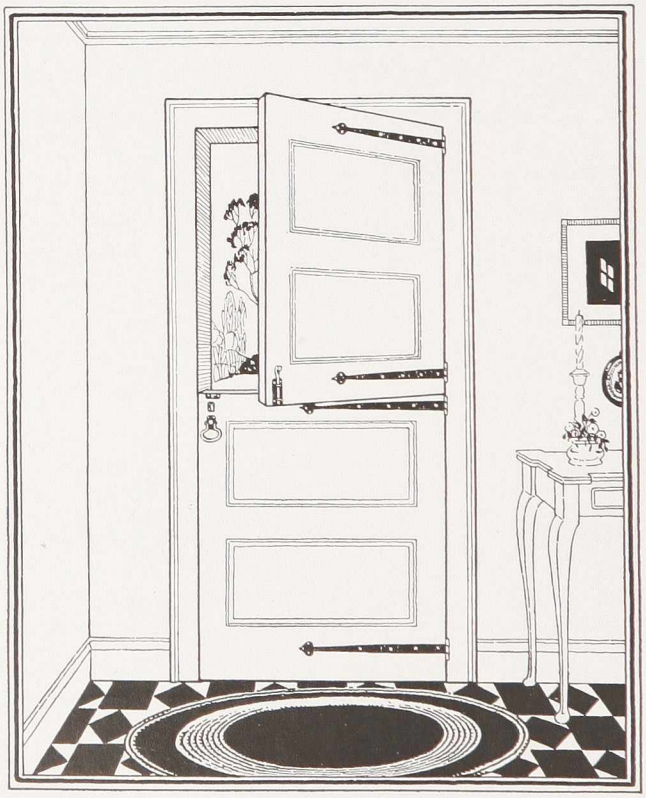
Entrance Door



Entrance Door

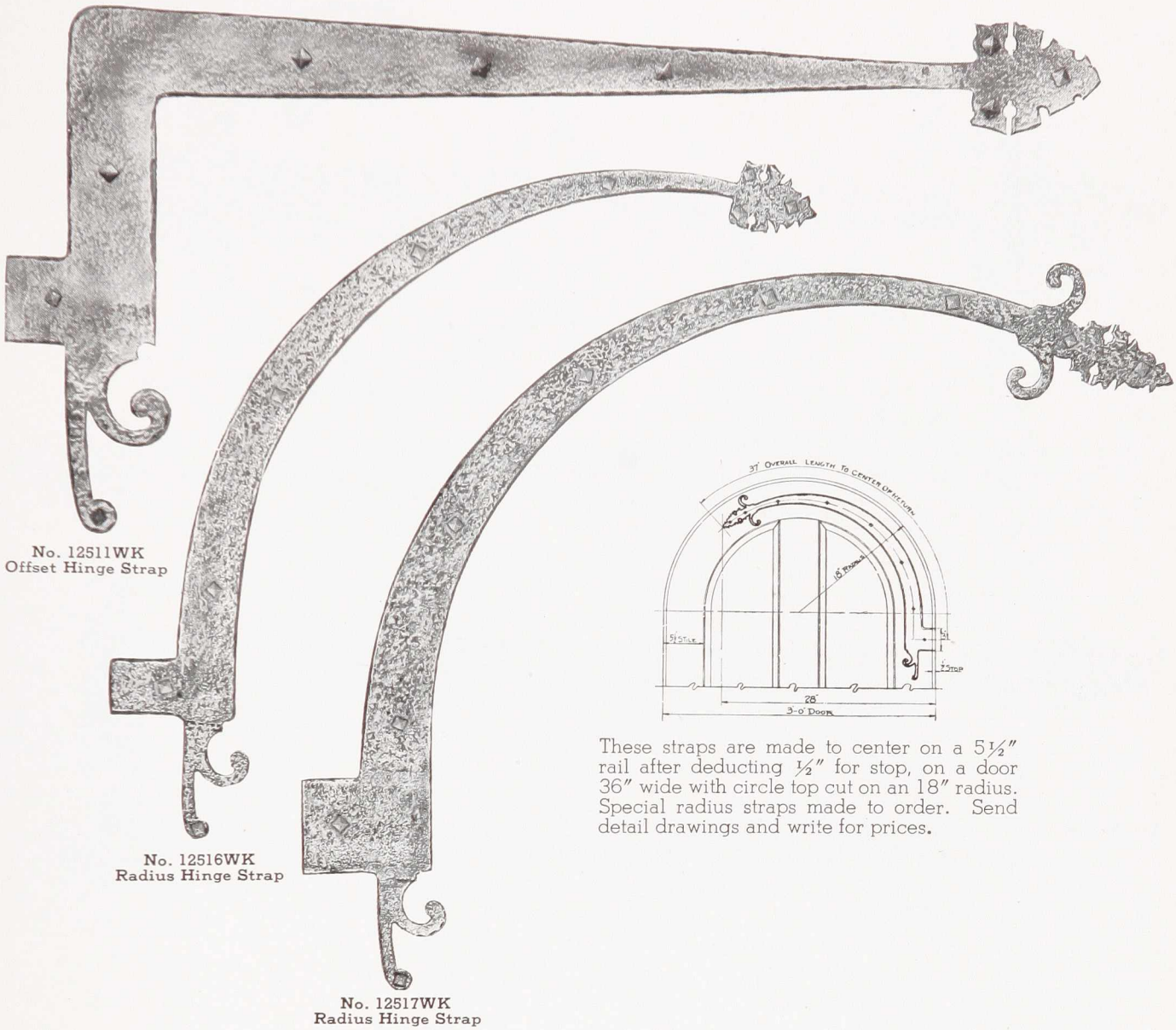


Entrance Door



Dutch Door

FORGED IRON HARDWARE WARWICK DESIGN



No. 12511WK
Offset Hinge Strap

No. 12516WK
Radius Hinge Strap

No. 12517WK
Radius Hinge Strap

These straps are made to center on a 5½" rail after deducting ½" for stop, on a door 36" wide with circle top cut on an 18" radius. Special radius straps made to order. Send detail drawings and write for prices.

OFFSET HINGE STRAP—REVERSIBLE

Number	Extreme Length Inches	Width Strap Hanging End Inches	Extreme Width Inches	Offset Center to Center Inches	Size Square Head Stud Screws Inches	Weight, Each Strap Pounds
12511WK	22¼	1¾	11	5¼	⅞x12	1¾

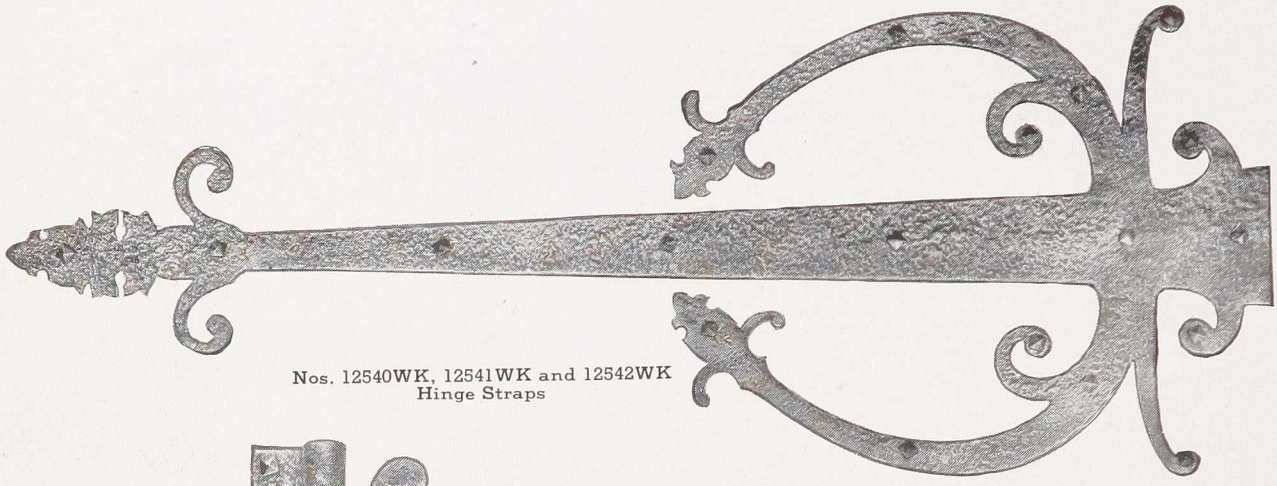
Packed each strap wrapped in heavy paper with studs.
Specify Number and Finish. Refer to Page No. 453 for description of finish.

RADIUS HINGE STRAP—REVERSIBLE

Number	Extreme Length Inches	Width Strap Hanging End Inches	Extreme Width Inches	Size Square Head Stud Screws Inches	Weight, Each Strap Pounds
12516WK	30¼	1¾	1¾	⅞x12	4
12517WK	37	3	5	⅞x12	4½

Packed each strap wrapped in heavy paper with studs.
Specify Number and Finish. Refer to Page No. 453 for description of finish.

FORGED IRON HARDWARE WARWICK DESIGN



Nos. 12540WK, 12541WK and 12542WK
Hinge Straps

Nos. 12514WK and 12515WK
Strap Hinges

Nos. 12537WK, 12538WK and 12539WK
Hinge Straps

Nos. 12509WK and 12510WK
Hinge Straps

HINGE STRAPS

Number	Extreme Length Inches	Width Strap Hanging End Inches	Extreme Width Inches	Size Square Head Stud Screws Inches	Weight, Each Strap Pounds
12509WK	22	1¾	3¾	⅞x12	1¼
12510WK	18¾	1¾	3¾	⅞x12	1
12537WK	24	3	5	⅞x12	2
12538WK	28	3	5	⅞x12	2¼
12539WK	32	3	5	⅞x12	2½
12540WK	24	3	10	⅞x12	.....
12541WK	28	3	10	⅞x12	.....
12542WK	32	3	10	⅞x12	.....

Packed each strap wrapped in paper with studs. Specify Number and Finish. Refer to Page No. 453 for description of finish.

STRAP HINGES

Number	Length Strap From Center of Pin Inches	Extreme Width Inches	Length Joint Inches	Width Pad From Center of Pin Inches	Size Square Head Stud Screws		Weight Each Strap Pounds
					For Strap Inches	For Pad Inches	
12514WK	18½	3¾	4	1⅜	1¼x12	1¼x12	1¾
12515WK	22¼	3¾	4	1⅜	1¼x12	1¼x12	2

Packed regularly for surface application to both jamb and door. Can be furnished to special order, with pad reversed for mortise application.
Packed each strap wrapped in paper with studs. Specify Number and Finish. Refer to Page No. 453 for description of finish.

FORGED IRON HARDWARE

WARWICK DESIGN

CYLINDER ENTRANCE DOOR LOCKSETS

No. 01630WK
No. 01584WK

No. 50630WK
No. 50584WK

No. 68630WK
No. 68584WK

No. 69630WK
No. 69584WK

ONE HANDLE, ENTRANCE DOOR LOCKSETS COMPLETE

Number	Lock		Handles, One		Size Studs	Grips, Center to Center Inches	Projection No.	Cylinder Rosette No.	Knob and Rose		Turn Knob		Weight Per Set Pounds
	No.	Page	No.	Size Inches					No.	Page	No.	Page	
01630WK	630	54	12501WK	10⅞x2¾	½x9	.....	2	12500½WK	2112¼	119	2403B	133	4¾
50630WK	630	54	12550WK	13¾x3¼	½x9	.....	2¼	12500½WK	2112¼	119	2403B	133	5¼
68630WK	630	54	12568WK	17 x3¾	⅞x9	5¾	2¼	.....	2112¼	119	2403B	133	7¼
69630WK	630	54	12569WK	17 x3¾	⅞x9	5¾	2¼	.....	2112¼	119	2403B	133	7¼

Packed each set in a box, complete with studs and screws.
Specify Number and Finish. Refer to Page No. 453 for description of finish.
Other inside trim can be substituted at difference in price.
Lock front, strike and inside trim finished dull brass, if other finish required specify.

TWO HANDLE, ENTRANCE DOOR LOCKSETS COMPLETE

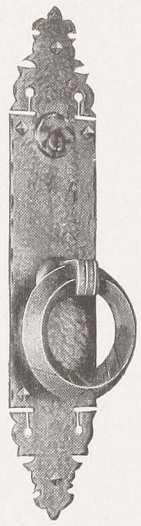
Number	Lock		Handles, Two		Size Studs	Grips, Center to Center Inches	Projection Inches	Weight Per Set Pounds
	Number	Page	Number	Size Inches				
01584WK	584	61	12501WK	10⅞x2¾	½x9	.....	2	5¾
50584WK	584	61	12550WK	13¾x3¼	½x9	.....	2¼	6½
68584WK	584	61	12568WK	17 x3¾	⅞x9	5¾	2¼	10
69584WK	584	61	12569WK	17 x3¾	⅞x9	5¾	2¼	10

These entrance sets packed with one pair cylinders. If turn knob is required for inside, specify at difference in price.
Other locks can be substituted at difference in price.
Packed each set in a box, complete with studs and screws.
Specify Number and Finish. Refer to Page No. 453 for description of finish.

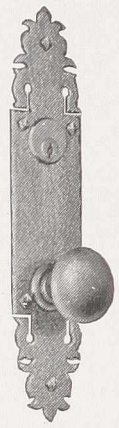
FORGED IRON HARDWARE

WARWICK DESIGN

CYLINDER ENTRANCE DOOR LOCKSETS



No. 98670WK
No. 98670VWK



No. 80670 WK
No. 80670VWK

RING HANDLE ENTRANCE LOCKSETS COMPLETE

Number	Lock		Outside Escutcheon		Inside Escutcheon		Size Studs	Ring		Turn Knob	Weight Per Set Pounds
	Number	Page	Number	Size Inches	Number	Size Inches		Number	Diameter Inches		
98670WK	670	.....	12598WK	15x3	12594WK	15x3	1¼x12	12686WK	4x2¼	One	7
98670VWK	670V	.....	12598WK	15x3	12596WK	15x3	1¼x12	12686WK	4x2¼	None	7

Specify Number and Finish. Refer to Page No. 453 for description of finish.
Rings tapped for 5/16 inch threaded spindle.
Packed each set in a box, complete with studs and screws.

KNOB ENTRANCE DOOR LOCKSETS COMPLETE

Number	Lock		Outside Escutcheon		Inside Escutcheon		Size Studs	Turn Knob	Knob and Rose		Weight Per Set Pounds
	Number	Page	Number	Size Inches	Number	Size Inches			Number	Page	
80670WK	670	32	12580WK	12x2½	12581	12x2½	⅞x12	One	12535	449	5½
80670VWK	670V	33	12580WK	12x2½	12580	12x2½	⅞x12	None	.....	449	5½

Specify Number and Finish. Refer to Page No. 453 for description of finish.
Other knobs can be substituted at difference in price. Refer to Page No. 471.
Other locks can be substituted at difference in price.
Packed each set, in a box, complete with studs and screws.

FORGED IRON HARDWARE WARWICK DESIGN

LATCH SETS

No. 12502WK
Rim Latch Set

No. 12502½WK
Reverse Bevel
Rim Latch Set

No. 12502¾WK
Rim Latch Set

No. 12503WK
Mortise
Latch Set

No. 12503½WK
Mortise
Latch Set

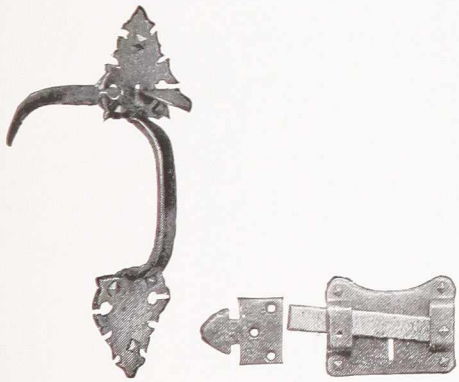
LATCH SETS

Number	Handles		Size of Studs Inches	Rim Latches		Size of Studs Inches	Mortise Latches			Depth of Mortise Inches	Weight Each Pounds
	Length Inches	Width Inches		Length Inches	Width Inches		Length Inches	Width Inches	Backset Inches		
12502WK	9	2⅜	⅝x12	4	2⅜	¾x9	.....	.....	.....	.....	1¼
12502½WK	9	2⅜	⅝x12	4	2⅜	¾x9	.....	.....	.....	.....	1¼
12502¾WK	9	2⅜	⅝x12	4½	2¼	½x9	.....	.....	.....	.....	1¼
12503WK	9	2⅜	⅝x12	.....	.....	.....	3	¾	2½	3¼	1¾
12503½WK	9	2⅜	⅝x12	.....	.....	.....	3	¾	½	3¼	1¼

Specify Number and Finish. Refer to Page No. 453 for description of finish. Latch set No. 12503 is made for doors 1⅜ inches to 1¾ inches thick. Other sizes to order. Packed 1 set in a box, complete with screws and studs.

GATE AND GARAGE HARDWARE

HEAVY MORTISE LATCH SETS



No. 14302WK
Rim Latch Set

No. 14304WK
Mortise Latch Set

No. 14305WK
Mortise Latch Set

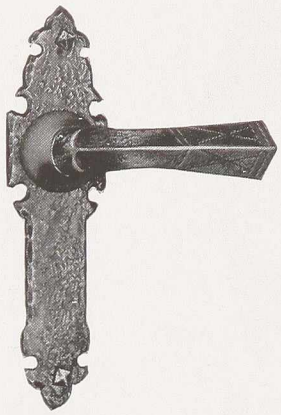
Number	Handles		Size of Studs Inches	Rim Latches		Size of Studs Inches	Mortise Latches			Depth of Mortise Inches	Weight Each Pounds
	Length Inches	Width Inches		Length Inches	Width Inches		Length Inches	Width Inches	Backset Inches		
14302WK	11	2¾	1¼x12	5	3¾	1¼x12	.....	.....	.....	.....	2½
14304WK	11	2¾	1¼x12	.....	.....	.....	3⅝	¾	2½	3¼	2¾
14305WK	11	2¾	1¼x12	.....	.....	.....	3⅝	¾	2½	3¼	.....

Specify Number and Finish. Refer to Page No. 453 for description of finish. Packed each set in a box, complete with screws and studs. Latch sets made for doors or gates, 1¾ to 2¼ inches in thickness. Other sizes to order.

FORGED IRON HARDWARE WARWICK DESIGN

INSIDE LOCKSETS

No. 93260WK



No. 93240WK

No. 05445WK

No. 05485WK

KNOB LOCKSET COMPLETE

Number	Lock		Knobs				Escutcheons		Size of Stud Screws	Spindle Screwless Inches	Weight Per Set Pounds
	Number	Page	Number	Size Inches	Page	Projection Inches	Number	Size Inches			
93260WK	260	15	12534	2	471	2	12591WK	6½x2	⅝x12	5/16	1¾

Specify Number and Finish. Refer to Page No. 453 for description of finish. Other knobs can be substituted by adding difference in price. Refer to Page No. 471. Other locks can be substituted by adding difference in price.
Bath and communicating sets. Substitute lock at difference in price and add turn knob to price.
Packed 1 set in a box, complete with studs and screws.

LEVER HANDLE LOCKSET COMPLETE

Number	Lock		Levers			Escutcheons		Size of Stud Screws	Spindle Screwless Inches	Weight Per Set Pounds
	Number	Page	Number	Length Inches	Projection Inches	Number	Size Inches			
93240WK	240	12	12364	3	2¼	12591WK	6½x2	⅝x12	5/16	1¾

Specify Number and Finish. Refer to Page No. 453 for description of finish. Other lever can be substituted by adding difference in price. Refer to Page No. 471. Locks can be substituted by adding difference in price.
Bath and communicating sets, substitute lock at difference in price and add turn knob to price.
Packed 1 set in a box, with studs and screws.

TWO HANDLE LOCKSETS COMPLETE

Number	Lock		Handle		Key Plate		Turn Knob		Turn Knob Spindle Inches	Size of Studs Inches	Weight Per Set Pounds
	Number	Page	Number	Size Inches	Number	Size Inches	Number	Size Inches			
05445WK	445	20	12505WK	9x2⅜	12326	1¾x1	.....	.....	.....	.....	.....
05485WK	485	24	12505WK	9x2⅜	.....	.....	12324	1¾x1	3/16 Diam'nd	⅝x12	.....

Packed 1 set in a box, with studs and screws. Specify Number and Finish. Refer to Page No. 453 for description of finish.

No. 12500½WK
Cylinder Rosette

No. 12508WK
Electric Push Button

Keyplate
No. 12326

Turn Knob
No. 12324
No. 12325

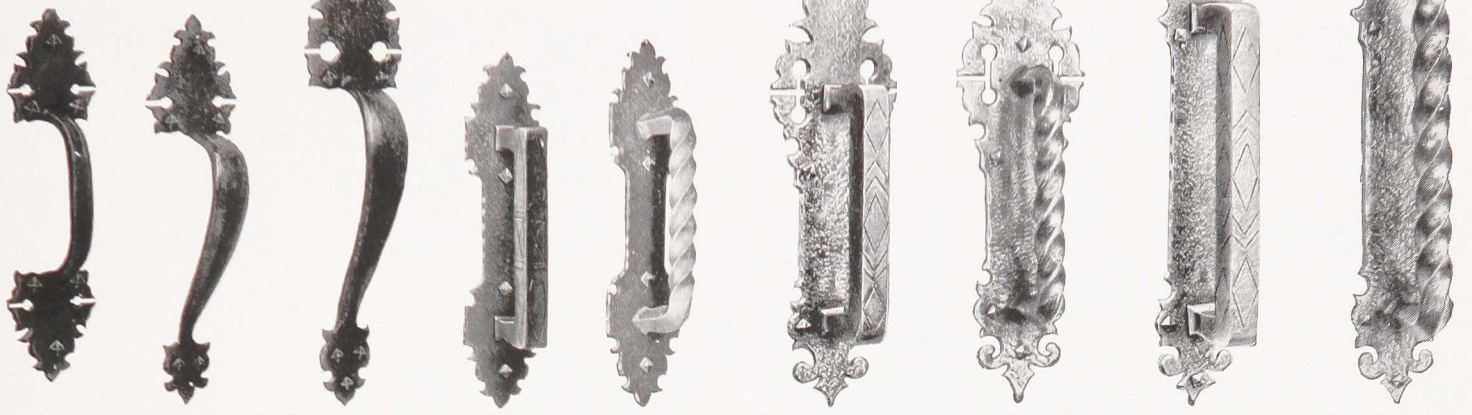
Number	Description	Length Inches	Width Inches	Size of Stud Inches	Spindle Inches	Packed Each in Package	Weight Per Package Pounds
12500½WK	Cyl. Rosette	2⅞	2⅛	½x9	.....	1	¼
12508WK	Push Button	2⅛	1¾	¾x9	.....	1	½
12326	Key Plate	1¾	1	½x9	.....	10	½
12324	Turn Knob	1¾	1	½x9	3/16 Diamond	5	½
12325	Turn Knob	1¾	1	½x9	3/16x⅛ Flat	5	½

Packed 6 in a box with studs and screws. Specify Number and Finish. Refer to Page No. 453 for description of finish.

FORGED IRON HARDWARE

WARWICK DESIGN

DOOR PULLS

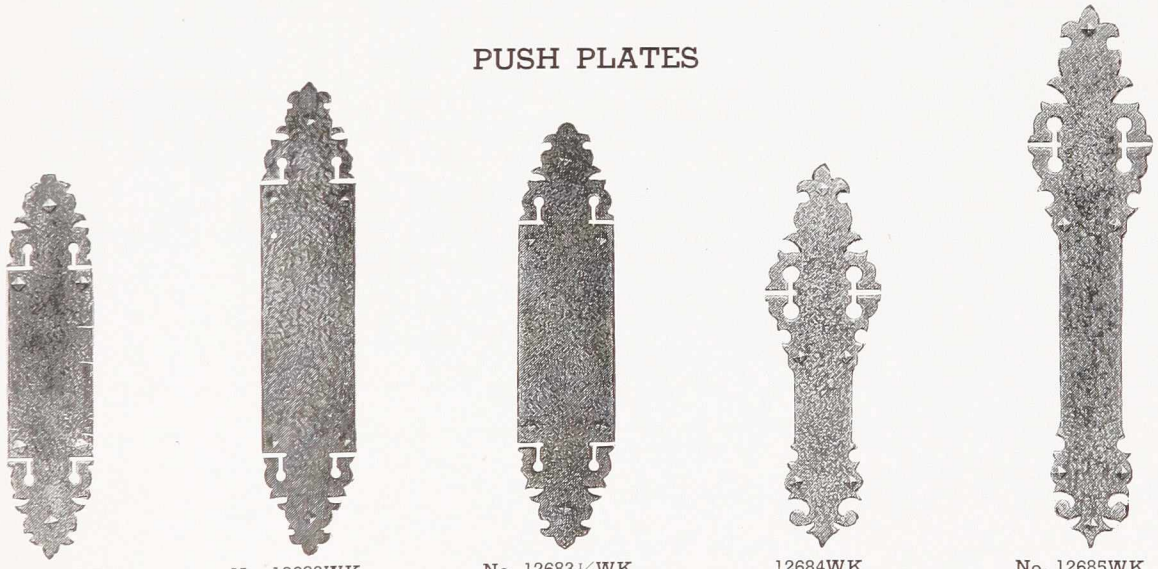


No. 12507WK Door Pull | No. 12506WK Door Pull | No. 12556WK Door Pull | No. 12558WK Door Pull | No. 12559WK Door Pull | No. 12570WK Door Pull | No. 12573WK Door Pull | No. 12571WK Door Pull | No. 12572WK Door Pull

Number	Plates			Grips		Weight, Each Pounds
	Length Inches	Width Inches	Size of Stud Inches	Length Center to Center, Inches	Projection Inches	
12507WK	9	2⅜	1¼x12	.....	2	½
12506WK	10⅞	2¾	1¼x12	.....	2¼	1¼
12556WK	13¾	3¼	1¼x12	.....	2½	1¾
12558WK	10½	2½	1¼x12	5¾—Square	2¼	2½
12559WK	10½	2½	1¼x12	5¾—Twisted	2¼	2½
12570WK	12	3½	1¼x12	5¾—Square	2¼	2½
12573WK	12	3½	1¼x12	5¾—Twisted	2¼	2½
12571WK	17	3¾	1¼x12	8½—Square	2½	3¼
12572WK	17	3¾	1¼x12	8½—Twisted	2½	3¼

Specify Number and Finish. Refer to Page No. 453 for description of finish. Grips are furnished with machine screws and washers to fasten through door. Plates can be cut for cylinder, when specified at additional price. Packed each in a box, complete with studs.

PUSH PLATES



No. 12682WK Push Plate | No. 12683WK Push Plate | No. 12683½WK Push Plate | 12684WK Push Plate | No. 12685WK Push Plate

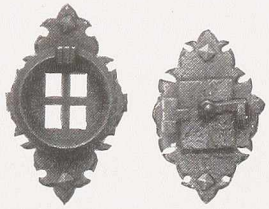
Number	Length, Inches	Width, Inches	Size of Stud, Inches	Weight Each, Pounds
12682WK	12	2½	⅝x12	1¼
12683WK	15	3	⅝x12	1¼
12683½WK	13⅜	3	⅝x12	1½
12684WK	12⅛	3½	⅝x12	1¼
12685WK	17	3¾	⅝x12	1½

Specify Number and Finish. Refer to Page No. 453 for description of finish. Plates can be cut for cylinder, when specified at additional price. Plates Nos. 12682 and 12683 can be furnished any desired length on special order at additional price. Packed each in a box, complete with studs.

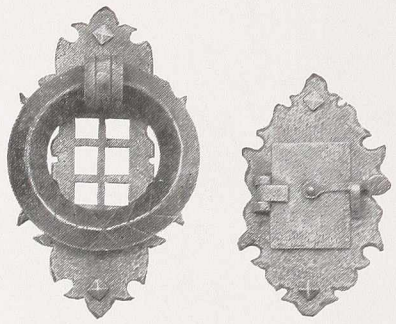
FORGED IRON HARDWARE

WARWICK DESIGN

PEEP-HOLE DOOR KNOCKERS



No. 12647WK



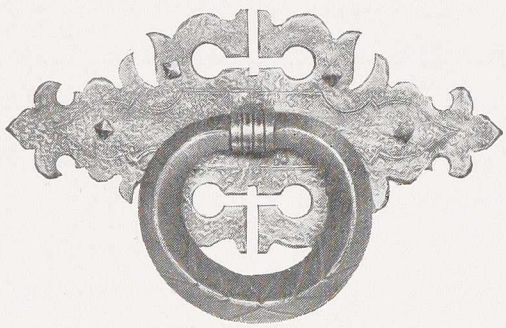
No. 12648WK

PEEP-HOLE DOOR KNOCKERS

Number	Outside Plate		Inside Plate		Projection Outside Inches	Cut Out Dimensions Inches	Size of Stud Inches	Weight Each Pounds
	Length Inches	Width Inches	Length Inches	Width Inches				
12647WK	4	2 3/8	3 3/8	2 1/8	5/8	1 1/16 x 1 3/16	5/8 x 12	1 3/4
12648WK	6 1/2	4	5 1/8	2 7/8	1 1/2	1 1/8 x 1 3/4	5/8 x 12	2 1/2

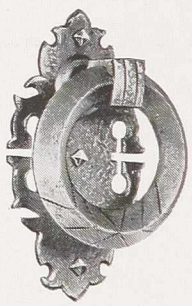
Other inside has hinged door when opened, permits person inside to see outside.
For other door knockers, refer to Page No. 473.
Packed 1 set in a box, complete with studs.
Specify Number and Finish. Refer to Page No. 453 for description of finish.

RING DOOR PULLS



No. 12574WK
Ring Door Pull

RING DOOR HANDLE



No. 12686WK
Drop Rings

RING DOOR PULL

Number	Plate		Size of Studs Inches	Drop Ring		Projection Inches	Weight Each Pounds
	Length Inches	Width Inches		Outside Diameter Inches	Inside Diameter Inches		
12574WK	10 1/8	5	1 1/4 x 12	4 3/4	2 3/4	1	3 1/4

Plate can be applied to door in either horizontal or vertical position.
Packed each in a box, complete with studs.
Specify Number and Finish. Refer to Page No. 453 for description of finish.

DROP RING HANDLE

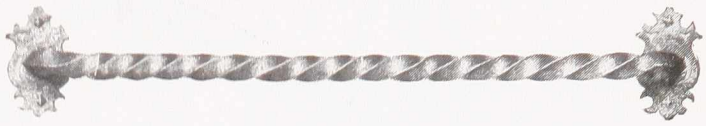
Number	Plate		Size of Studs Inches	Drop Ring		Projection Inches	Spindle Threaded Inches	Weight Each Pounds
	Length Inches	Width Inches		Outside Diameter Inches	Inside Diameter Inches			
12686WK	6 3/8	3 1/2	5/8 x 12	4	2 1/2	2 1/4	5/16	2 3/4

Furnished with separate auxiliary spring to be mortised in door behind plate.
Packed each in a box, complete with studs.
Specify Number and Finish. Refer to Page No. 453 for description of finish.

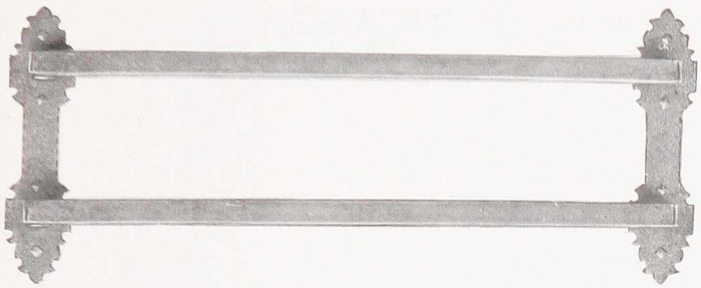
FORGED IRON HARDWARE WARWICK DESIGN

PUSH BARS

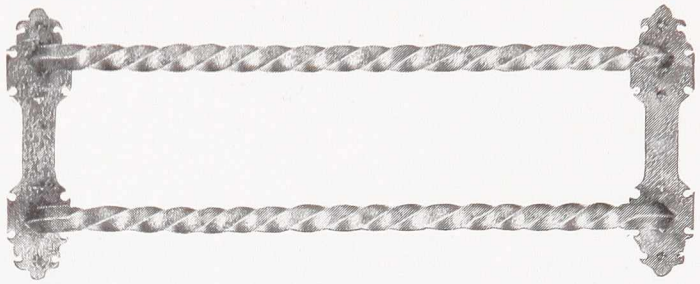
No. 12575WK
Single Push Bar



No. 12577WK
Single Push Bar



No. 12576WK
Double Push Bar



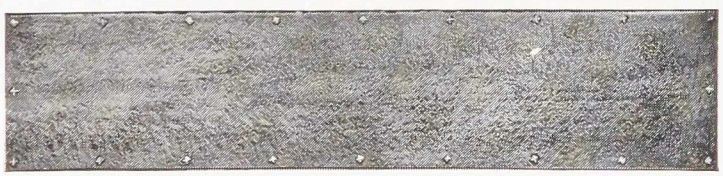
No. 12578WK
Double Push Bar

Number	Plates		Bars		Width Center to Center Inches	Clearance Inches	Size of Studs Inches	Approximate Weight Pounds
	Length Inches	Width Inches	Dimensions Inches	Projection Inches				
12575WK	5	2⅝	⅞ Square	2¾	.....	1¾	1¼x12	.....
12576WK	10½	2½	⅞ Square	2¾	5½	1¾	1¼x12	.....
12577WK	5	2⅜	¾ Twisted	2¾	.....	1⅝	1¼x12	.....
12578WK	10½	2½	¾ Twisted	2¾	5½	1⅝	1¼x12	.....

Specify Number and Finish. Refer to Page No. 453 for description of finish.
Push bars wrapped in paper with screw or through bolts as ordered.
Specify length, center to center, of bar ends and thickness of door when through bolts are used.

KICK PLATES AND ORNAMENTAL ENDS

No. 13008WK
No. 13009WK



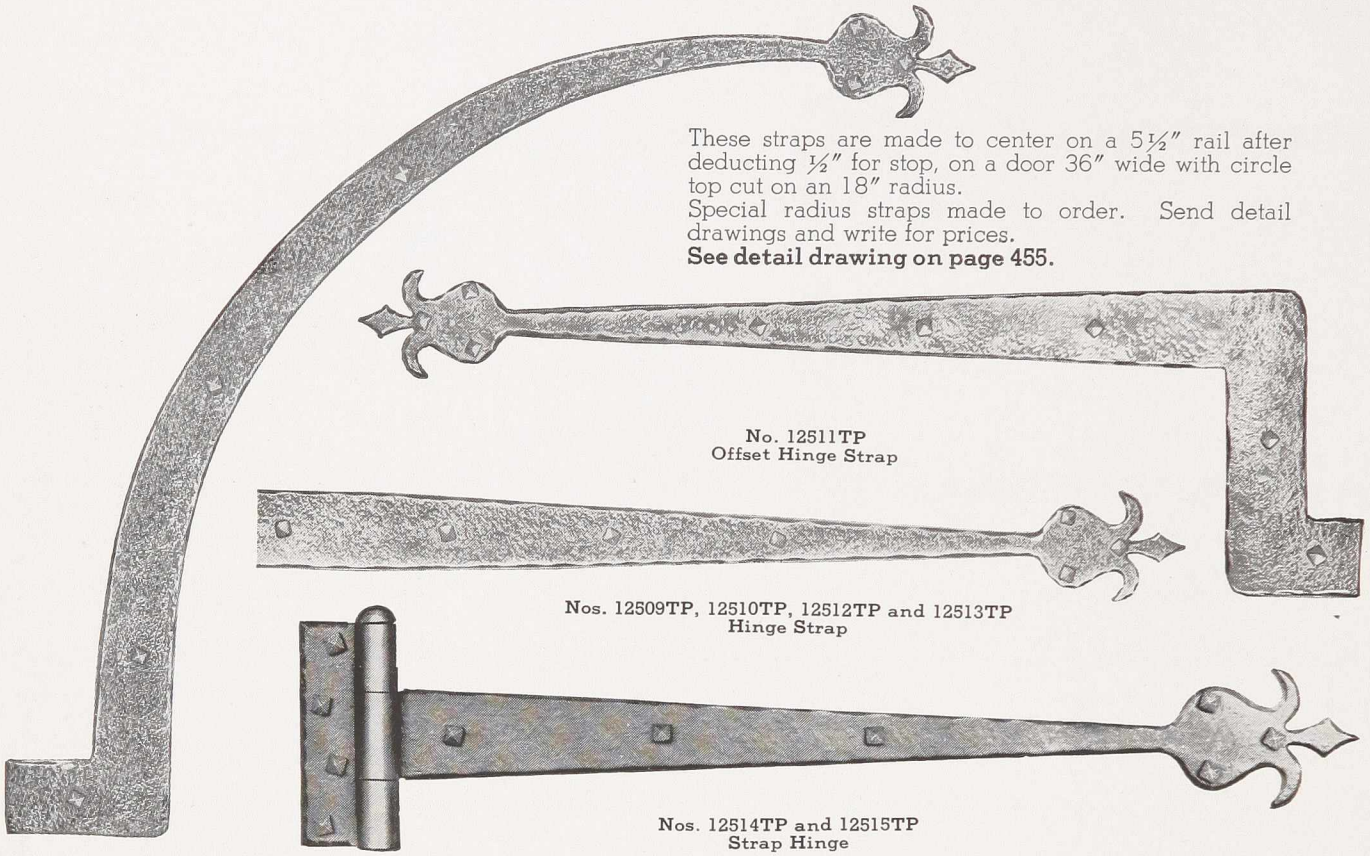
No. 13015—8-Inch
No. 13016—10-Inch

No. 13008WK
No. 13009WK

Number	Length Inches	Width Inches	B & S Guage Thickness, Inches	Size of Square Head Studs, Inches	Weight Pounds
13008WK	8	1¾	14	⅝x12	½ Per Pair
13009WK	10	1¾	14	⅝x12	⅝ Per Pair
13015	As Ordered	8	14	⅝x12	3.39 Square Foot
13016	As Ordered	10	14	⅝x12	3.39 Square Foot

Specify Number and Finish. Refer to Page No. 453 for description of finish.
Push bars wrapped in paper with screw or through bolts as ordered.
Specify length, center to center of bar ends and thickness of door when through bolts are used.
All items on this page are made special to measurements. Exact measurements are necessary.

FORGED IRON HARDWARE TULIP DESIGN



No. 12516TP
Radius Hinge Strap

These straps are made to center on a 5½" rail after deducting ½" for stop, on a door 36" wide with circle top cut on an 18" radius.
Special radius straps made to order. Send detail drawings and write for prices.
See detail drawing on page 455.

No. 12511TP
Offset Hinge Strap

Nos. 12509TP, 12510TP, 12512TP and 12513TP
Hinge Strap

Nos. 12514TP and 12515TP
Strap Hinge

RADIUS HINGE STRAP—REVERSIBLE

Number	Extreme Length Inches	Width Strap Hanging End Inches	Extreme Width Inches	Size Square Head Stud Screws Inches	Weight Each Strap Pounds
12516TP	30¼	1¾	1¾	⅞x12	4

OFFSET HINGE STRAP—REVERSIBLE

Number	Extreme Length Inches	Width Strap Hanging End Inches	Extreme Width Inches	Offset, Center to Center Inches	Size Square Head Stud Screws, Inches	Weight Each Strap Pounds
12511TP	23	1¾	1¾	5	⅞x12	1¾

HINGE STRAPS

Number	Extreme Length Inches	Width Strap Hanging End Inches	Extreme Width Inches	Size Square Head Stud Screws Inches	Weight Each Strap Pounds
12509TP	23	1¾	1¾	⅞x12	1⅛
12510TP	19½	1¾	1¾	⅞x12	1
12512TP	28¾	3	3	⅞x12	3
12513TP	32¾	3	3	⅞x12	3¼

STRAP HINGES

Number	Length Strap From Center of Pin Inches	Extreme Width Inches	Length Joint Inches	Width Pad From Center of Pin Inches	Size Square Head Stud Screws		Weight Each Hinge Pounds
					For Strap Inches	For Pad Inches	
12514TP	18	1¾	4	1⅜	1¼x12	1¼x12	1⅞
12515TP	21½	1¾	4	1⅜	1¼x12	1¼x12	2

Specify Number and Finish. Refer to Page No. 453 for description of finish.
Made regularly for surface application to both jamb and door. Can be furnished to special order with pad reversed for mortise application to jamb. Packed, each hinge strap wrapped complete with studs.

FORGED IRON HARDWARE

TULIP DESIGN

ENTRANCE HANDLE LOCKSETS MISCELLANEOUS TRIM INSIDE LOCKSETS

No. 00630TP
No. 00584TP

No. 01630TP
No. 01584TP

No. 12500½TP
Cylinder Rosette

No. 12508TP
Push Button

No. 12526TP
Key Plate

No. 04445TP

No. 08485TP

ONE HANDLE ENTRANCE DOOR LOCKSETS, COMPLETE

Number	Lock		Handle, One			Knob and Rose		Turn Knob		Size of Studs	Weight Per Set Pounds
	Number	Page	Number	Size Inches	Projection Inches	Number	Page	Number	Page		
00630TP	630	54	12500TP	1 1½x2¾	2	2112¼	119	2403B	133	½x9	4¾
01630TP	630	54	12501TP	1 1½x2¾	2¼	2112¼	119	2403B	133	½x9	5

Specify Number and Finish. Refer to Page No. 453 for description of finish.
Lock front, strike and inside trim finished dull brass. If other finish required, specify.
Packed each set in a box, complete with studs and screws. Other inside trim can be substituted at difference in price.

TWO HANDLE ENTRANCE DOOR LOCKSETS, COMPLETE

Number	Lock		Handle, Two			Size of Studs Inches	Weight Per Set Pounds
	Number	Page	Number	Size Inches	Projection Inches		
00584TP	584	61	12500TP	1 1½x2¾	2	½x9	5
01584TP	584	61	12501TP	1 1½x2¾	2¼	½x9	5¼

Specify Number and Finish. Refer to Page No. 453 for description of finish.
These entrance sets packed with one pair cylinders. If turn knob required inside, specify at difference in price.
Other locks can be substituted at difference in price. Packed 1 set in a box, complete with studs and screws.

TWO HANDLE, INSIDE LOCKSETS COMPLETE

Number	Lock		Handles, Two		Key Plate Number	Turn Knob Number	Size of Studs Inches	Weight Per Set Pounds
	Number	Page	Number	Size Inches				
04445TP	445	20	12505TP	10x2½	12526TP	.....	½x9	3
08485TP	485	24	12505TP	10x2½	.....	One, 12524TP	½x9	3

Specify Number and Finish. Refer to Page No. 453 for description of finish. Packed each set in a box, with studs and screws.

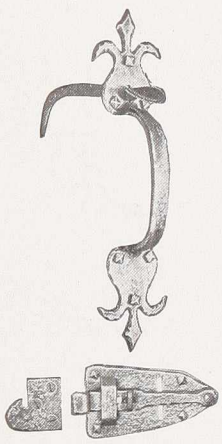
MISCELLANEOUS TRIM

Number	Description	Length Inches	Width Inches	Size of Studs Inches	Spindle Inches	Packed	Weight Per Box Pounds
12500½TP	Cylinder Rosette	3¾	2¾	½x9	.....	1	¼
12508TP	Push Button	2	1⅜	¾x9	.....	1	¼
12526TP	Key Plate	2	1⅜	½x9	.....	10	½
12524TP	Turn Knob	2	1⅜	½x9	3/16 Diamond	5	½

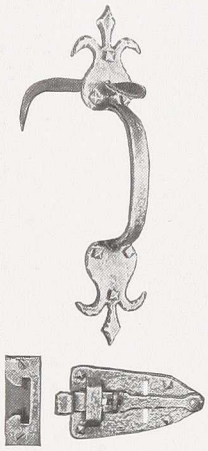
Specify Number and Finish. Refer to Page No. 453 for description of finish. Spindle of turn knob is for diamond hub lock.
Specify if required for flat or square hub lock. Packed 5 in a box, complete with studs and screws.

FORGED IRON HARDWARE TULIP DESIGN

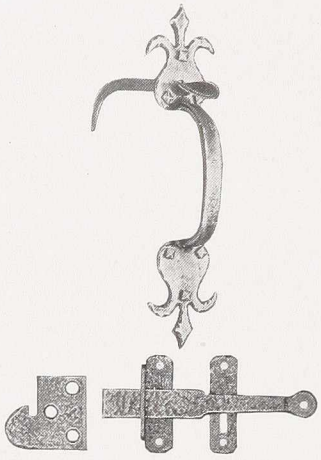
LATCH SETS



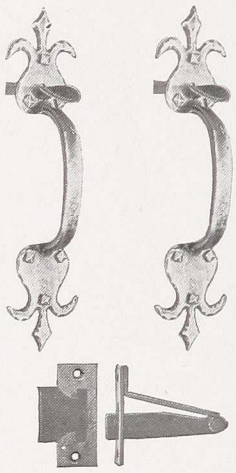
No. 12502TP
Rim Latch Set



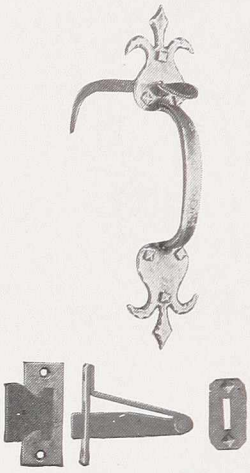
No. 12502½TP
Reverse Bevel
Rim Latch Set



No. 12502¾TP
Rim Latch Set



No. 12503TP
Mortise
Latch Set



No. 12503½TP
Mortise
Latch Set

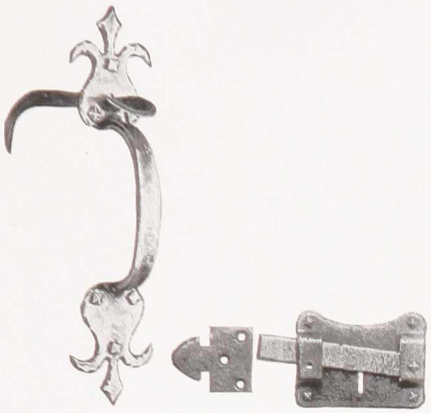
THUMB LATCHES

Number	Handle		Size Studs Inches	Rim Latches		Size Studs Inches	Mortise Latches			Weight Per Set Pounds
	Length Inches	Width Inches		Length Inches	Width Inches		Front Inches	Depth Mortise Inches	Backset Inches	
12502TP	10	2½	⅝x12	4	2½	¾x9	.....	.....	.....	1¼
12502½TP	10	2½	⅝x12	4	2½	¾x9	.....	.....	.....	1¼
12502¾TP	10	2½	⅝x12	4½	2¼	¾x9	.....	.....	.....	1¼
12503TP	10	2½	⅝x12	.....	.....	.....	3x¾	3¼	2½	1¼
12503½TP	10	2½	⅝x12	.....	.....	.....	3x¾	3¼	2½	1¼

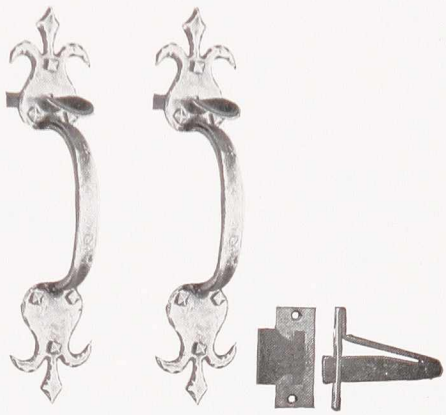
Specify Number and Finish. Refer to Page No. 453 for description of finish.
Mortise latch sets made for door 1⅜ to 1¾ inches thick. Other sizes to order.
Packed each set in a box, complete with studs and screws.

FORGED IRON HARDWARE TULIP DESIGN

HEAVY LATCH SETS FOR GARAGE DOOR AND GATES DOOR PULLS



No. 14302TP
Rim Latch Set



No. 14304TP
Mortise Latch Set

No. 12506TP
Door Pull

No. 12507TP
Door Pull

THUMB LATCHES

Number	Handles		Size Studs Inches	Rim Latches		Size Studs Inches	Mortise Latches			Weight Per Set Pounds
	Length Inches	Width Inches		Length Inches	Width Inches		Front Inches	Depth Mortise Inches	Backset Inches	
14302TP	11½	2¾	1¼x12	5	3¾	1¼x12	.....	.....	.....	2½
14304TP	11½	2¾	1¼x12	.....	.....	.....	3⅝x¾	3¼	2½	2¾

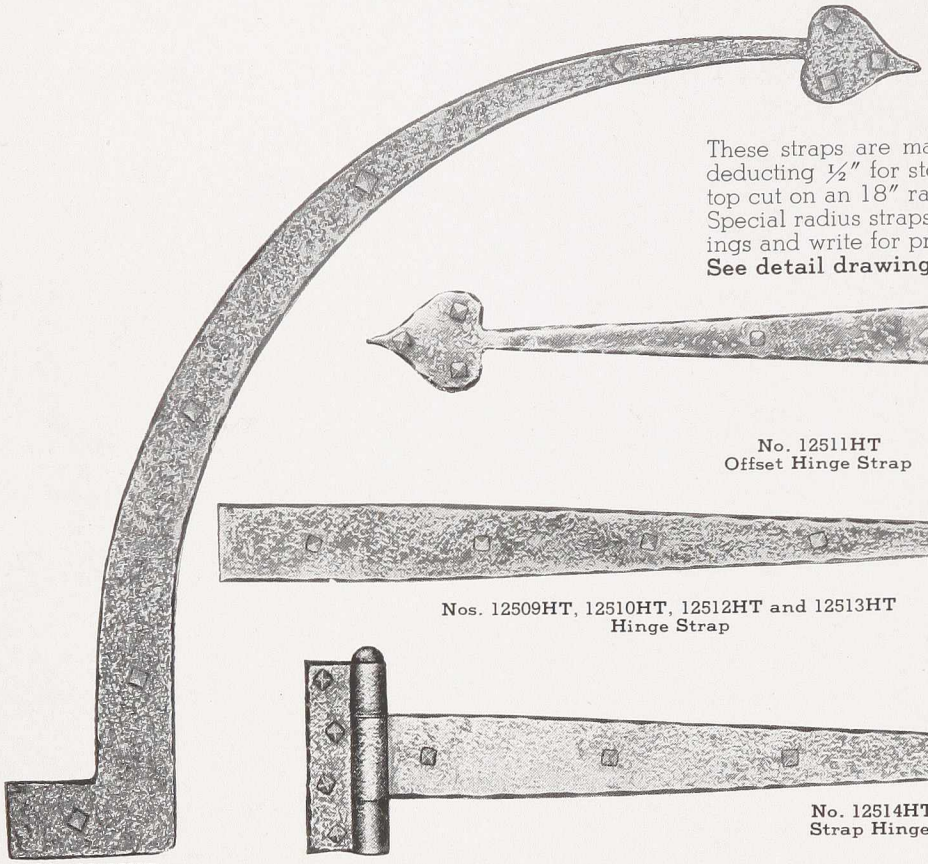
Specify Number and Finish. Refer to Page No. 453 for description of finish.
Latch sets made for doors and gates, 1¾ to 2¼ thick. Other sizes to order.
Packed each set in a box, complete with studs and screws.

DOOR PULLS

Number	Length, Inches	Width, Inches	Size of Studs, Inches	Weight Each, Pounds
12506TP	11½	2¾	1¼x12	⅞
12507TP	10	2½	1¼x12	½

Specify Number and Finish. Refer to Page No. 453 for description of finish.
Packed each in a box, complete with studs.

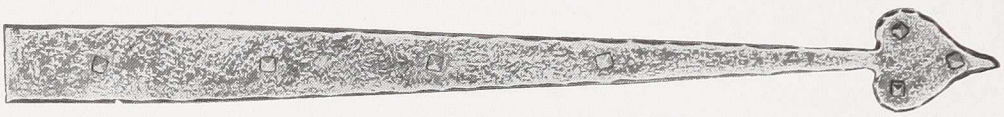
FORGED IRON HARDWARE HEART DESIGN



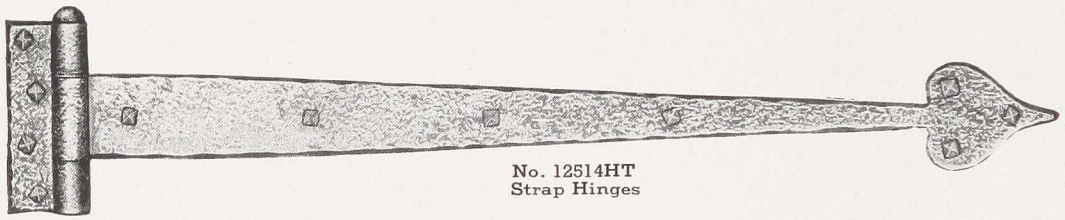
No. 12516HT
Radius Hinge Strap

These straps are made to center on a 5½" rail after deducting ½" for stop, on a door 36" wide with circle top cut on an 18" radius.
Special radius straps made to order. Send detail drawings and write for prices.
See detail drawing on Page No. 455.

No. 12511HT
Offset Hinge Strap



Nos. 12509HT, 12510HT, 12512HT and 12513HT
Hinge Strap



No. 12514HT
Strap Hinges

RADIUS HINGE STRAP—REVERSIBLE

Number	Extreme Length Inches	Width Strap Hanging End Inches	Extreme Width Inches	Size Square Head Stud Screws Inches	Weight Each Strap Pounds
12516HT	30¼	1¾	1¾	⅞x12	4

OFFSET HINGE STRAP—REVERSIBLE

Number	Extreme Length Inches	Width Strap Hanging End Inches	Extreme Width Inches	Offset Center to Center Inches	Size Square Head Stud Screws Inches	Weight Each Strap Pounds
12511HT	22¼	1¾	1¾	5	⅞x12	1¾

HINGE STRAPS

Number	Extreme Length Inches	Width Strap Hanging End Inches	Extreme Width Inches	Size Square Head Stud Screws Inches	Weight Each Strap Pounds
12509HT	22¼	1¾	1¾	⅞x12	1⅛
12510HT	18¾	1¾	1¾	⅞x12	1
12512HT	28¼	3	3	⅞x12	3
12513HT	32¼	3	3	⅞x12	3¼

STRAP HINGES

Number	Length Strap From Center of Pin Inches	Extreme Width Inches	Length Joint Inches	Width Pad From Center of Pin Inches	Size Square Head Stud Screws		Weight Each Hinge Pounds
					For Strap Inches	For Pad Inches	
12514HT	17¼	1¾	4	1⅜	1¼x12	1¼x12	1⅞
12515HT	20¾	1¾	4	1⅜	1¼x12	1¼x12	2

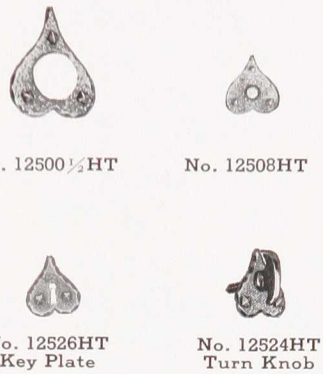
Specify Number and Finish. Refer to Page No. 453 for description of finish.
Made regularly for surface application to both jamb and door. Can be furnished to special order with pad reversed for mortise application to jamb. Packing, each hinge strap wrapped complete with studs.

FORGED IRON HARDWARE

HEART DESIGN

ENTRANCE HANDLE LOCKSETS MISCELLANEOUS INSIDE LOCKSETS

No. 00630HT No. 01630HT
No. 00584HT No. 01584HT



No. 12500½HT No. 12508HT

No. 12526HT Key Plate No. 12524HT Turn Knob

No. 04445HT No. 08485HT

ONE HANDLE ENTRANCE DOOR LOCKSETS, COMPLETE

Number	Lock		Handle, One		Cylinder Rosette Number	Projection Inches	Knob and Rose		Turn Knob		Size of Studs Inches	Weight Per Set Pounds
	Number	Page	Number	Size Inches			Number	Page	Number	Page		
00630HT	630	54	12500HT	10½x2¾	12500½HT	2	2112¼	119	2403B	133	½x9	4¾
01630HT	630	54	12501HT	10½x2¾	12500½HT	2¼	2112¼	119	2403B	133	½x9	5

Specify Number and Finish. Refer to Page No. 453 for description of finish. Other inside trim can be substituted at difference in price. Lock front, strike and inside trim finished dull brass, if other finish required, specify. Packed each set in a box, complete with studs and screws.

TWO HANDLE ENTRANCE DOOR LOCKSETS, COMPLETE

Number	Lock		Handles, Two			Size of Studs Inches	Weight Per Set Pounds
	Number	Page	Number	Size Inches	Projection Inches		
00584HT	584	61	12500HT	10½x2¾	2	½x9	5
01584HT	584	61	12501HT	10½x2¾	2¼	½x9	5¼

Specify Number and Finish. Refer to Page No. 453 for description of finish. These entrance sets packed with one pair cylinders. If turn knob is required for inside, specify at difference in price. Other locks can be substituted at difference in price. Packed each set in a box, complete with studs and screws.

TWO HANDLE, INSIDE LOCKSETS, COMPLETE

Number	Lock		Handles, Two		Key Plate Number	Turn Knob Number	Size of Studs Inches	Weight Per Set Pounds
	Number	Page	Number	Size Inches				
04445HT	445	20	12505HT	9⅛x2¼	Two, No. 12526HT	.....	½x9	3
08485HT	485	24	12505HT	9⅛x2¼	.....	One, No. 12424HT	½x9	3

Specify Number and Finish. Refer to Page No. 453 for description of finish. Packed each set in a box, complete with studs and screws.

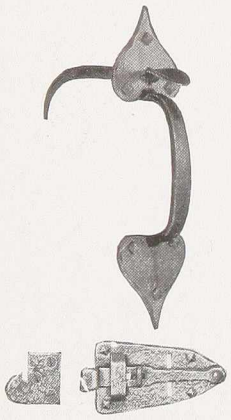
MISCELLANEOUS TRIM

Number	Description	Length Inches	Width Inches	Size of Studs Inches	Spindle Inches	Packed Each	Weight Per Box Pounds
12500½HT	Cyl. Rosette	3¼	2¾	½x9	.....	1	¼
12508HT	Push Button	1⅞	1¾	¾x9	.....	1	¼
12526HT	Key Plate	1¾	1	½x9	.....	10	½
12524HT	Turn Knob	1¾	1	½x9	3/16 Diamond	5	½

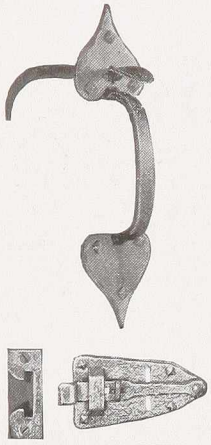
Specify Number and Finish. Refer to Page No. 453 for description of finish. Spindle of turn knob is for diamond hub lock, specify if required for flat or square hub lock. Packed 5 in a box, complete with studs and screws.

FORGED IRON HARDWARE

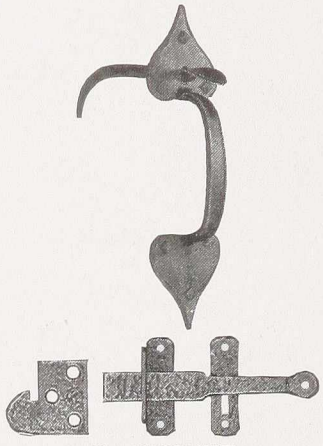
THUMB LATCHES FOR INTERIOR DOORS



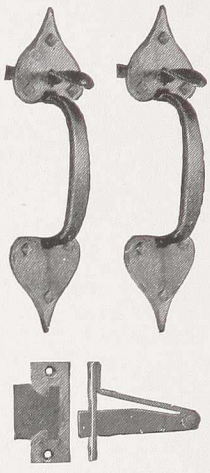
No. 12502HT
Rim Latch Set



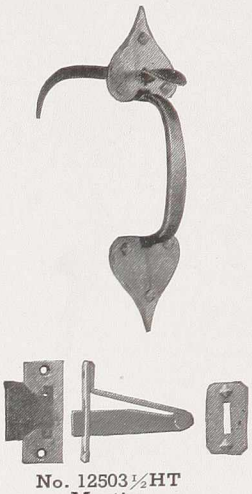
No. 12502½HT
Reverse Bevel
Rim Latch Set



No. 12502¾HT
Rim Latch Set



No. 12503HT
Mortise
Latch Set



No. 12503½HT
Mortise
Latch Set

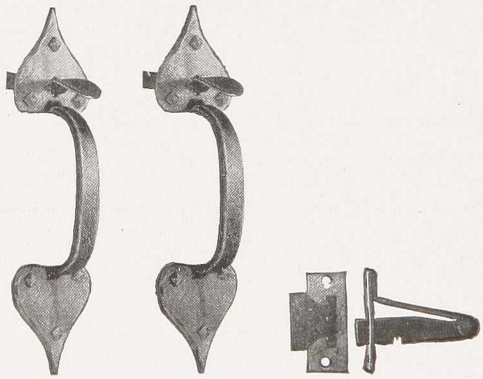
THUMB LATCHES

Number	Handles		Size of Studs Inches	Rim Latches		Size of Studs Inches	Mortise Latches			Weight Per Set Pounds
	Length Inches	Width Inches		Length Inches	Width Inches		Front Inches	Depth Mortise Inches	Backset Inches	
12502HT	9⅛	2¼	⅝x12	4	2½	¾x9	.....	.....	.....	1¼
12502½HT	9⅛	2¼	⅝x12	4	2½	¾x9	.....	.....	.....	1¼
12502¾HT	9⅛	2¼	⅝x12	4½	2¼	¾x9	.....	.....	.....	1¼
12503HT	9⅛	2¼	⅝x12	.....	.....	.....	3¼	3	2½	1¼
12503½HT	9⅛	2¼	⅝x12	.....	.....	.....	3¼	3	2½	1¼

Specify Number and Finish. Refer to Page No. 453 for description of finish. Mortise latches made for door 1⅜ to 1¾ inches thick Other size to order. Packed each set in a box, complete with studs and screws.

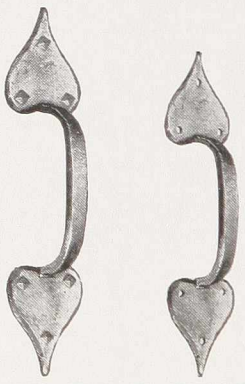
HEAVY THUMB LATCHES FOR GARAGE DOORS AND GATES

No. 14302HT
Rim Latch Set



No. 14304HT
Mortise Latch Set

DOOR PULLS



No. 12507HT

No. 12506HT

THUMB LATCHES

Number	Handles		Size of Studs Inches	Rim Latches		Size of Studs Inches	Mortise Latches			Weight Per Set Pounds
	Length Inches	Width Inches		Length Inches	Width Inches		Front Inches	Depth Mortise Inches	Backset Inches	
14302HT	10½	2¾	1¼x12	5	3¾	1¼x12	.....	.....	.....	2½
14304HT	10½	2¾	1¼x12	.....	.....	.....	3⅝x3¼	3¼	2½	2¾

Specify Number and Finish. Refer to Page No. 453 for description of finish. Latch sets made for garage door or gates, 1¾ to 2¼ inches thick. Other sizes to order. Packed each set in a box, complete with studs and screws.

DOOR PULLS

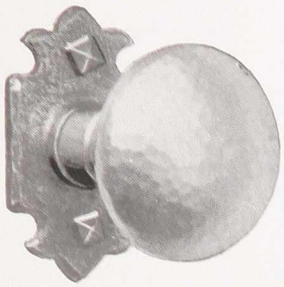
Number	Length, Inches	Width, Inches	Size of Studs, Inches	Weight Each, Pounds
12506HT	9⅛	2¼	1¼x12	½
12507HT	10½	2¾	1¼x12	⅞

Specify Number and Finish. Refer to Page No. 453 for description of finish. Packed each in a box, complete with studs.

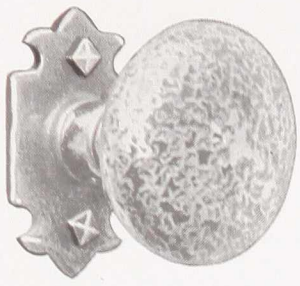
FORGED IRON HARDWARE

DOOR KNOBS AND ROSES

DROP RING



No. 12530



Nos. 12534 and 12535

No. 12536

No. 12533

No. 12300

DOOR KNOBS AND ROSES

Number	Metal	Knob Diameter Inches	Projection Inches	Spindle Threaded Inches	Rose Number	Rose Length Inches	Rose Width Inches	Size of Studs Inches	Weight Per Pair Pounds
12530	Hammered Brass	2	2	5/16	12410	2½	1½	½x9	.....
12533	Hammered Iron	2	2	5/16	12410	2½	1½	½x9	.....
12534	Hammered Iron	2	2	5/16	12410	2½	1½	½x9	.....
12535	Hammered Iron	2¼	2	5/16	12410	2½	1½	½x9	.....
12536	Hammered Iron	2	2	5/16	12410	2½	1½	½x9	.....

Specify Number and Finish. Refer to Page No. 453 for description of finish.
Other roses can be substituted at difference in price. Refer to Page No. 472.
All knobs spindled for diamond hub lock. Packed, 1 pair, complete with roses and studs in a box.

DROP RING AND ROSE

Number	Dropping Size Inches	Projection Inches	Spindle Threaded Inches	Auxiliary Rose Number	Auxiliary Rose Length Inches	Auxiliary Rose Width Inches	Size of Studs Inches	Weight Each Pounds
12300	3¼x3⅞	1¾	5/16	12410	2½	1½	¾x9	.....

Specify Number and Finish. Refer to Page No. 453 for description of finish. Spindled for diamond hub lock.
Packed, 1 only, complete with rose and studs in a box. Other roses can be substituted at difference in price. Refer to Page No. 472.

LEVER HANDLES AND ROSES

CLOSET SPINDLE

No. 12380 and No. 12384
Right Hand

No. 12382

No. 12372

No. 12364
No. 12366

No. 12612
Closet Spindle

LEVER HANDLES AND ROSES

Number	Lever Length Inches	Projection Inches	Spindle Threaded Inches	Auxiliary Rose Number	Auxiliary Rose Length Inches	Auxiliary Rose Width Inches	Size of Studs Inches	Weight Each Pounds
12364	3	2¼	5/16	12410	2½	1½	½x9	⅜
12366	3½	2½	5/16	12410	2½	1½	½x9	½
12372	4	2⅞	5/16	12411	2½	1¼	½x9	⅜
*12380	4	2	5/16	12410	2½	1½	½x9	½
*12384	3	2⅞	5/16	12410	2	1½	½x9	½
12382	4	2½	5/16	12412	2	1½	½x9	⅜

Specify Number and Finish. Refer to Page No. 453 for description of finish. *Handed, specify hand.
Other roses can be substituted at difference in price. Refer to Page No. 472. Packed, 1 pair, complete with rose and studs in a box.

CLOSET SPINDLE

Number	Length Inches	Spindle Threaded Inches	For Doors, Thickness Inches	Weight Per Box Pounds
12612	3	5/16	1⅜ to 2½	1

Specify Number and Finish. Refer to Page No. 453 for description of finish. Packed 5 in a box, complete with screws.

FORGED IRON HARDWARE

KEY PLATES

No. 12326

No. 12526HT

No. 12526TP

No. 12624

TURN KNOBS

No. 12324
No. 12325

No. 12524HT
No. 12525HT

No. 12524TP
No. 12525TP

No. 12619
No. 12620

KEY PLATES

Number	Length Inches	Width Inches	Size of Stud Screws Inches	Weight Per Box Pounds
12326	1¾	1	½x9	½
12526HT	1⅞	1¾	½x9	½
12526TP	2	1⅜	½x9	½
12624	1¾	1	½x9	½

Specify Number and Finish. Refer to Page No. 453 for description of finish. Packed 5 in a box, complete with studs and screws.

TURN KNOBS

Number	Length Inches	Width Inches	Size of Stud Screws Inches	Spindle	Weight Per Box Pounds
12324	1¾	1	½x9	3/16 Diamond	½
12325	1¾	1	½x9	3/16x1/16 Flat	½
12524HT	1⅞	1¾	½x9	3/16 Diamond	½
12525HT	1⅞	1¾	½x9	3/16x1/16 Flat	½
12524TP	2	1⅜	½x9	3/16 Diamond	½
12525TP	2	1⅜	½x9	3/16x1/16 Flat	½
12619	1¾	1	½x9	3/16 Diamond	½
12620	1¾	1	½x9	3/16x1/16 Flat	½

Specify Number and Finish. Refer to Page No. 453 for description of finish. Packed 5 in a box, complete with studs and screws.

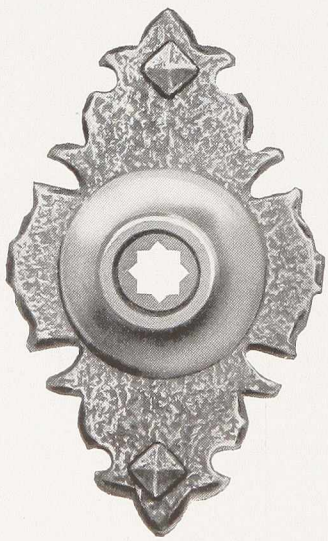
AUXILIARY AND PLAIN ROSES

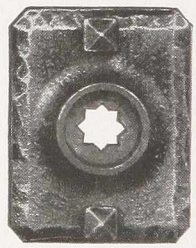
No. 12401
Auxiliary

No. 12411
Plain

No. 12410 Plain

No. 12400
Auxiliary


No. 12546WK


No. 12402
Auxiliary

No. 12412
Plain

No. 12413
Plain

Number	Type	Length Inches	Width Inches	Size of Stud Screws Inches	Weight Per Box Pounds
12400	Auxiliary Spring	2	1½	¾x9	1½
12401	Auxiliary Spring	2½	1¼	¾x9	1½
12402	Auxiliary Spring	2	1½	¾x9	1½
12410	Plain	2½	1½	½x9	1
12411	Plain	2½	1¼	½x9	1
12412	Plain	2	1½	½x9	1
12413	Plain	2⅜	2⅜	½x9	1
12546WK	Auxiliary	4	2⅜	⅝x12	.....

Specify Number and Finish. Refer to Page No. 453 for description of finish. Packed five in a box, complete with screws.

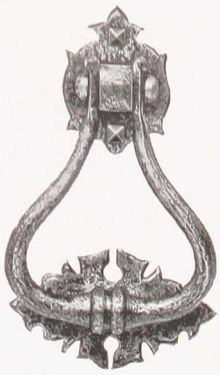
FORGED IRON HARDWARE

DOOR KNOCKERS

No. 12641

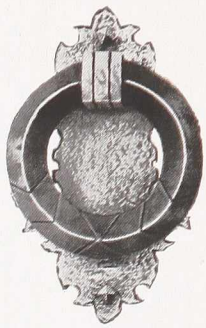
No. 12642

No. 12643


No. 12644WK

No. 12645WK

No. 12646WK


No. 12649WK

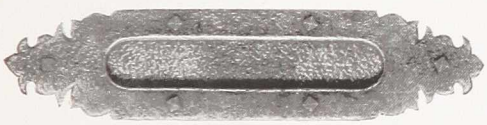
DOOR KNOCKERS

Number	Extreme Length Inches	Extreme Width Inches	Projection Inches	Size of Stud Screws Inches	Weight Each Pounds
12641	7½	3½	2	1¼x12	1⅝
12642	6½	3½	1¼	1¼x12	1⅛
12643	4¼	1¾	1⅜	¾x 9	¾
12644WK	6½	4	1¾	1¼x12	1½
12645WK	5	4	1⅜	1¼x12	2
12646WK	4	2½	⅝	⅞x12	1
12649WK	6½	4	1½	1¼x12	2

Specify Number and Finish. Refer to Page No. 453 for description of finish. For peep-hole door knocker, see Page No. 462.
Packed each in a box, complete with screws.

LETTER BOX PLATES

No. 12690


No. 12690WK

FOOTSCRAPERS

No. 13010

No. 13011

NUMERALS

No. 12691

LETTER BOX PLATES, COMPLETE WITH INSIDE PLATES

Number	Length of Plates Inches	Width of Plates Inches	Size of Opening Inches	Size of Stud Screws Inches	Weight Each Pounds
12690	10	3⅜	1¼x7½	⅝x12	1½
12690WK	13⅛	3	1¼x7½	⅝x12	1½

Specify Number and Finish. Refer to Page No. 453 for description of finish.
Packed 1 of each, outside and inside plate, in a box, complete with screws.

FOOT SCRAPERS

Number	Height, Inches	Width, Inches	Lag Screw and Expansion Shields, Inches	Weight Each, Pounds
13010	5½	9	1¼x¼	1¾
13011	6	7½	1¼x¼	2

Specify Number and Finish. Refer to Page No. 453 for description of finish.
Packed, each wrapped, complete with lag screws and expansion shields.

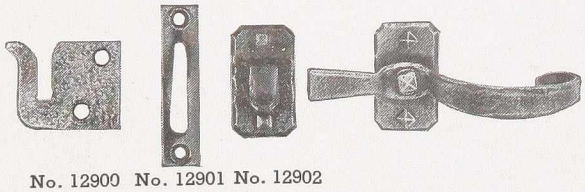
NUMERALS

Number	Height, Inches	Size, Round Head Screw, Inches	Weight Per Box, Pounds
12691	3½	⅝x5	1

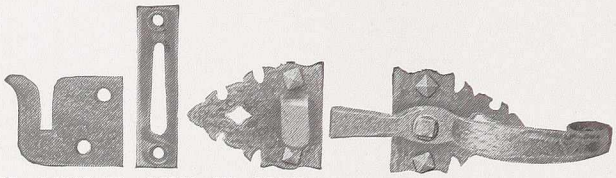
Specify Number and Finish. Refer to Page No. 453 for description of finish. Specify numerals wanted.
Fraction ½ and dash available on special order. Packed, 10 of each numeral in a box, complete with screws.

FORGED IRON HARDWARE

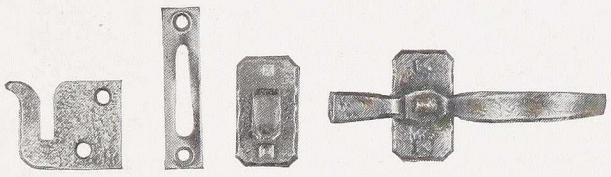
CASEMENT FASTENERS



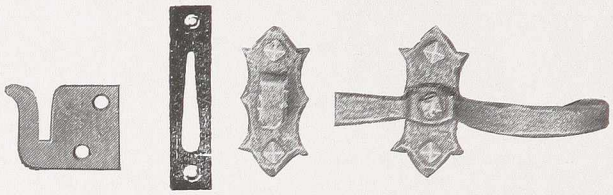
No. 12900 Rim — No. 12901 Mortise — No. 12902 Surface



No. 12900 WK Rim — No. 12901 WK Mortise — No. 12902 WK Surface



No. 12904 Rim — No. 12905 Mortise — No. 12906 Surface



No. 12907 Rim — No. 12908 Mortise — No. 12909 Surface

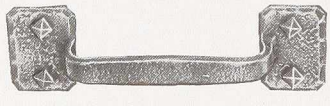
CASEMENT FASTENERS

Number	Size of Plate Without Strike Inches	Length of Lever Handle From Center of Rivet to End, Inches	Extreme Projection Inches	Type Strike	Dimensions of Strike Inches	Size of Studs Inches	Weight Per Box Pounds
12900	1 1/8x2	3 1/4	1 3/4	Rim	1 5/8x2 1/8	3/4x9	1 3/4
12901	1 1/8x2	3 1/4	1 3/4	Mortise	5/8x3	3/4x9	1 3/4
12902	1 1/8x2	3 1/4	1 3/4	Surface	1 1/8x2	3/4x9	1 3/4
12900WK	2 1/2x2	3 1/4	1 3/4	Rim	1 5/8x2 1/8	3/4x9	2
12901WK	2 1/2x2	3 1/4	1 3/4	Mortise	5/8x3	3/4x9	2
12902WK	2 1/2x2	3 1/4	1 3/4	Surface	2 1/2x2	3/4x9	2
*12904	1 1/8x2	2 3/4	3/4	Rim	1 5/8x2 1/8	3/4x9	1 1/2
*12905	1 1/8x2	2 3/4	3/4	Mortise	5/8x3	3/4x9	1 1/2
*12906	1 1/8x2	2 3/4	3/4	Surface	1 1/8x2	3/4x9	1 1/2
12907	1 1/4x2 5/8	3 1/4	1 3/4	Rim	1 5/8x2 1/8	3/4x9	1 1/2
12908	1 1/4x2 5/8	3 1/4	1 3/4	Mortise	5/8x3	3/4x9	1 1/2
12909	1 1/4x2 5/8	3 1/4	1 3/4	Surface	1 1/4x2 5/8	3/4x9	1 1/2

Specify Number and Finish. Refer to Page No. 453 for description of finish.
*The projection of 3/4 inch, makes these numbers desirable for use between windows and screws where there is a minimum clearance.
Specify hand for No. 12902A as the surface strike is not Reversible. Refer to Page No. 41A.
Packed 5 in a box, complete with studs.

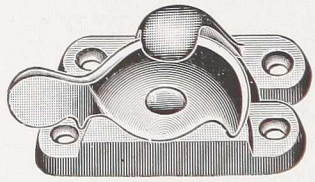
BAR LIFTS

No. 12336 Bar Lift



No. 12736 Bar Lift

WINDOW LOCK



No. 04701 Window Lock

BAR WINDOW LIFTS

Number	Length, Inches	Width, Inches	Size of Studs, Inches	Weight Per Box, Pounds
12336	5 1/2	1 5/16	3/4x9	1 1/2
12736	5	1 1/2	3/4x9	1 1/2

Specify Number and Finish. Refer to Page No. 453 for description of finish. Packed 5 in a box, complete with studs.

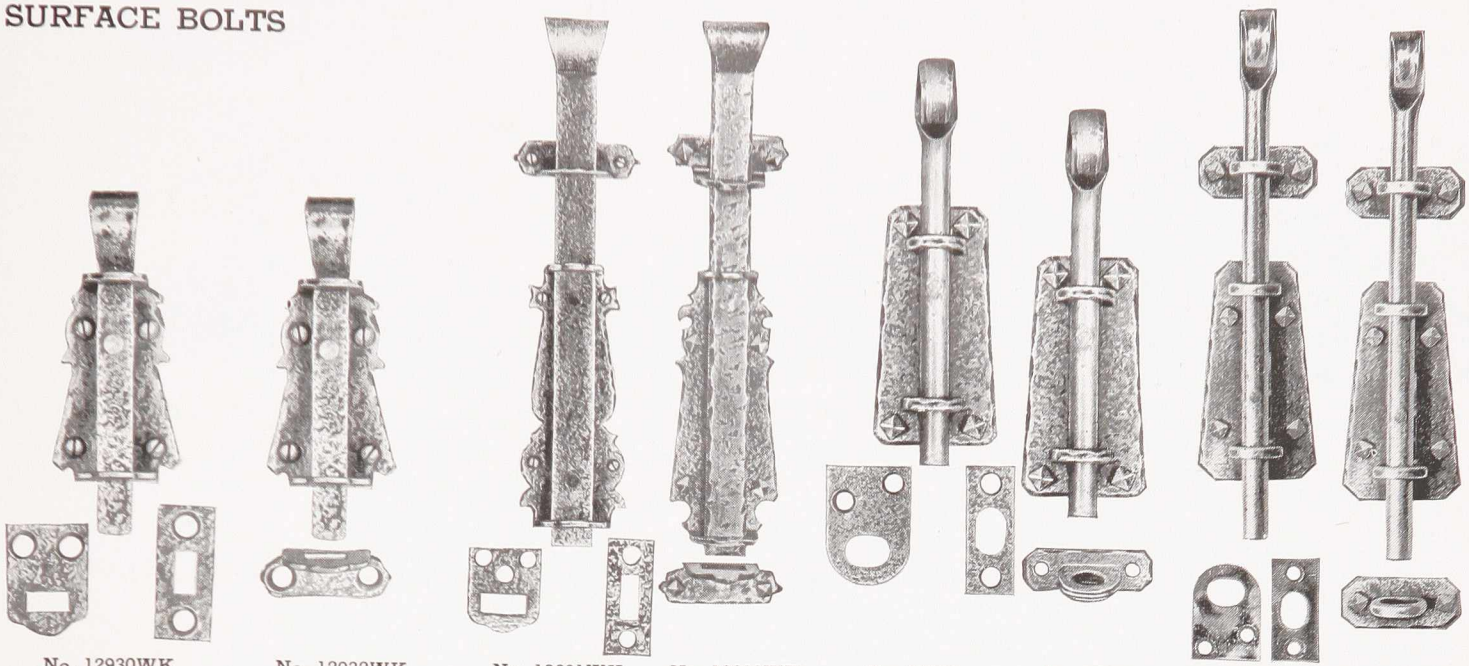
WINDOW LOCK

Number	Extreme Length Inches	Width, Without Strike Inches	Width Strike Inches	Weight Per Box Pounds
04701	2 1/2	7/8	9/16	2

Specify Number and Finish. Refer to Page No. 453 for description of finish. The window lock is Cast Iron.
Packed 5 in a box, complete with screws.

FORGED IRON HARDWARE

SURFACE BOLTS



No. 12930WK | No. 12932WK | No. 12631WK | No. 12633WK | No. 12630 | No. 12632 | No. 12631 | No. 12633

Number	Length Bolt Inches	Length Plate Inches	Extreme Width Inches	Size Square Head Studs Inches	Size Round Head Screws Inches	Type of Strike	Weight Per Box Pounds
12630	9, 12, 18	3¼	1½	¾x9	.....	Rim and Mortise	2
12631	9, 12, 18	3¼	1½	¾x9	.....	Surface	2
12632	9, 12, 18, 24	.....	2¼	1¼x12	.....	Rim and Mortise	2
12633	9, 12, 18, 24	.....	2¼	1¼x12	.....	Surface	2
12631WK	9, 12, 18, 24	.....	2	1¼x9	.....	Rim and Mortise	1¼
12633WK	9, 12, 18, 24	.....	2	1¼x9	.....	Surface	1½
12930WK	3, 9, 12, 18	2¼	1¼	.....	¾x6	Rim and Mortise	1
12932WK	3, 9, 12, 18	2¼	1¼	.....	¾x16	Surface	1

Specify Number and Finish. Refer to Page No. 453 for description of finish. Specify length of bolt. Packed 5 in a box complete with studs or screws.

No. 12616

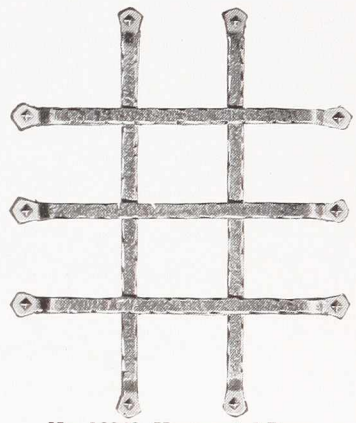
No. 12397
No. 12398

No. 12399

DOOR BOSSES OR STUDS

Number	Size Inches	Size of Screw Inches	Weight Per Box Pounds
12397	¾x ¾	1x9	⅜
12398	1¼x1¼	1x9	½
12399	1½x1½	1x9	½

Specify Number and Finish. Refer to Page No. 453 for description of finish.
Packed, 10 in a box.



No. 12340, Horizontal Bars
No. 12341, Vertical Bars

PUSH PLATES

Number	Length Inches	Width Inches	Size Studs Inches	Weight Per Box Pounds
12616	10	3⅜	⅝x12	5

Specify Number and Finish. Refer to Page No. 453 for description of finish.
For a design push plate, refer to Page No. 461.
Packed, 5 in a box, complete with studs.

GRILLE BARS

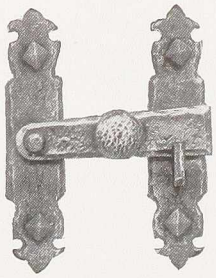
Number	Length Center to Center of Screw Holes Inches	Projection on Offset Inches	Size Bar Inches	Size Studs Inches	Weight Each Pounds
12340	9	⅜	⅛x7/16	⅞x12	½
12341	11	¼	⅛x7/16	⅞x12	½

Specify Number and Finish. Refer to Page No. 453 for description of finish.
Horizontal bars made to apply over vertical bars.
Can be furnished to fit any size opening up to 12 inches.
Packed, 3 No. 12340 and 2, No. 12341 complete with screws.

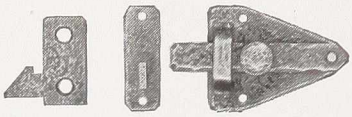
FORGED IRON HARDWARE

CABINET LATCHES

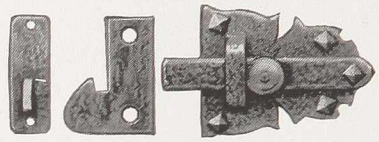
No. 12737
No. 12738



No. 12337
No. 12338



No. 12730
No. 12731



No. 12732WK
No. 12734WK

Number	Length of Horizontal Plate Inches	Length of Vertical Plate Inches	Width Plate Inches	Length of Bar Inches	Type Strike	Size of Stud Screws Inches	Weight Per Box Pounds
12337	.....	2¾	.....	2⅜	Both	¾x9	1¼
12338	.....	3½	.....	2⅝	Rim	¾x9	1¼
12730	2⅞	.....	2¼	3½	and	½x9	1¼
12731	2	.....	1⅛	2⅝	Surface	½x9	1¼
12732WK	2⅞	.....	2¼	3½	Strikes	¾x9	1¼
12734WK	2	.....	1⅝	2⅝	Packed	¾x9	1
12737	.....	2½	.....	2⅜	With	¾x9	1¼
12738	.....	3	.....	2⅝	Latches	¾x9	1¼

Specify Number and Finish. Refer to Page No. 453 for description of finish.
Packed 5 in a box, complete with studs.

CABINET HINGES

No. 12704
Mortise

Number	Size, Inches Open	Length of Joint Inches	Extreme Length	Size of Wood Screws Inches	Size of Square Stud Screws Inches	Pairs in a Box With Screws Inches	Approximate Weight Full Box Pounds
12704	2 x2	2	.....	¾x7	.....	5	1¼
	2½x2	2½	.....	⅞x8	.....	5	2
12706	.....	2	2⅝	.....	¾x9	5	2

Specify Number and Finish. Refer to Page No. 453 for description of finish.
No. 12704 butt hinges designed especially for use with H & L plates on this page.

No. 12706
Surface

DRAWER PULLS

No. 12336

CABINET KNOBS

No. 12740½

No. 12740

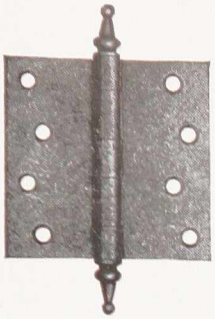
DRAWER PULLS AND CABINET KNOBS

Number	Length Inches	Width Inches	Diameter of Knob Inches	Projection Inches	Size of Bolt Inches	Size of Studs Inches	Weight Per Box Pounds
12336	5½	1 5/16	.....	1	.....	¾x9	1
12740	.....	.....	1 3/16	1	3/16x1½	.....	1¼
12740½	.....	.....	⅞	⅞	3/16x1½	.....	1

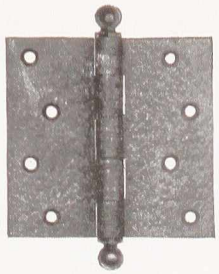
Specify Number and Finish. Refer to Page No. 453 for description of finish.
Packed, drawer pull, 5 in a box, complete with studs.
Packed, cabinet knobs, 10 in a box, complete with bolts.

FORGED IRON HARDWARE

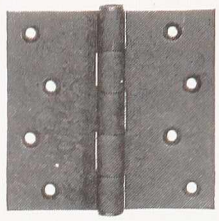
DOOR BUTT HINGES



No. 5514¼

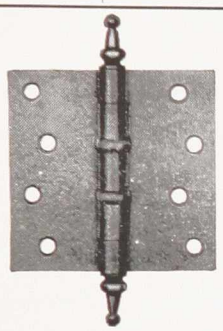


No. 5514

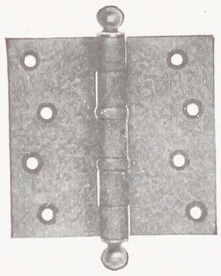


No. 5514½

Number	Type	Open, Inches	Size Screws, Inches	Pairs in Box
5514	Wrought Steel, Ball Tip, Plain Joint	3½x3½, 4x4,	1x10	1
5514½	Wrought Steel, Button Tip, Plain Joint	4½x4½, 4x6,	1¼x10	1
5514¼	Wrought Steel, Steeple Tip, Plain Joint	5x5	1¼x12	1



No. A5563¼
No. B5568¼



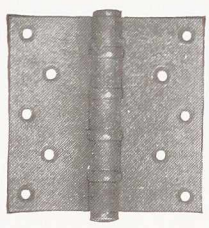
No. A5568
No. B5568

No. A5568½
No. B5568½

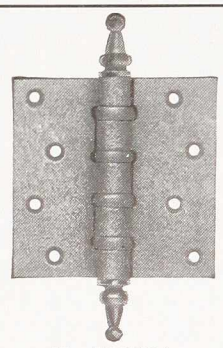
Number	Type	Open, Inches	Size Screws, Inches	Pairs in Box
A5568	Wrought Steel, Ball Tip, Anti-Friction	3½x3½,	1x9	1
B5568	Wrought Steel, Ball Tip, Ball Bearing	4x4,	1x10	1
A5568½	Wrought Steel, Button Tip, Anti-Friction	4½x4½,	1¼x10	1
B5568½	Wrought Steel, Button Tip, Ball Bearing	4x6,	1¼x10	1
A5568¼	Wrought Steel, Steeple Tip, Anti-Friction	5x5	1¼x12	1
B5568¼	Wrought Steel, Steeple Tip, Ball Bearing			1

EXTRA HEAVY BUTT HINGES

No. A5586
No. B5586



No. A5586½
No. B5586½



No. A5586¼
No. B5586¼

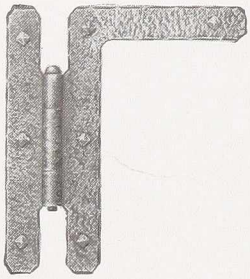
Number	Type	Open, Inches	Size Screws, Inches	Pairs in Box
A5586	Wrought Steel, Ball Tip, Anti-Friction	4x4	1¼x12	1
B5586	Wrought Steel, Ball Tip, Ball Bearing	4½x4½	1¼x12	1
A5586½	Wrought Steel, Button Tip, Anti-Friction	5x5	1¼x12	1
B5586½	Wrought Steel, Button Tip, Ball Bearing	6x6	1½x14	1
A5586¼	Wrought Steel, Steeple Tip, Anti-Friction	6x8	1½x14	1
B5586¼	Wrought Steel, Steeple Tip, Ball Bearing	8x8	1½x14	1
		8x6	1½x14	1

All extra heavy butts listed above have hammered surface. For template butts, always prefix T to number. Always specify finish when ordering. If steeple tip butts with polished brass tips are desired, so specify when ordering. If steeple tip butts with English antique brass tips are desired, so specify when ordering. Specify Number, Size and Finish. Refer to Page No. 453 for description of finish. Packed 1 pair in a box, complete with screws.

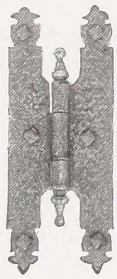
FORGED IRON HARDWARE

H AND H & L HINGES FOR CABINETS

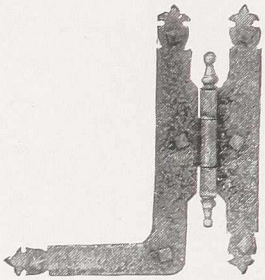
No. 12720



No. 12721



No. 12320

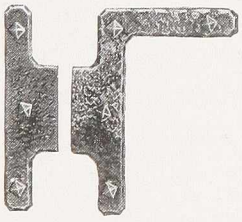


No. 12321

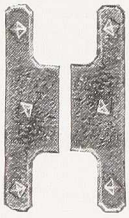
Number	Extreme Length Inches	Extreme Width Inches	Width of Plates Inches	Length of Joint Inches	Size of Stud Screws Inches	Weight Per Pair Pounds
12320	3	1 7/16	½	1½	½x9	½
12321	3	2 7/8	½	1½	½x9	½
12720	3	1 7/16	½	1½	½x9	½
12721	3	2 7/8	½	1½	½x9	½

Specify Number and Finish. Refer to Page No. 453 for description of finish.
H hinges are Reversible.
H & L hinges are Reversible when ordered in pairs.
Packed 1 pair in a box, complete with studs.

H AND H & L AND INTERMEDIATE H HINGE PLATES

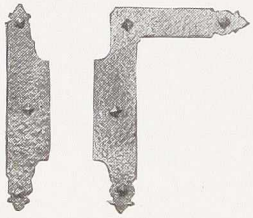


No. 12712 No. 12710
No. 12716 No. 12714



No. 12712 No. 12712
No. 12716 No. 12716

No. 12713



No. 12312 No. 12310
No. 12316 No. 12314

No. 12312 No. 12312
No. 12316 No. 12316

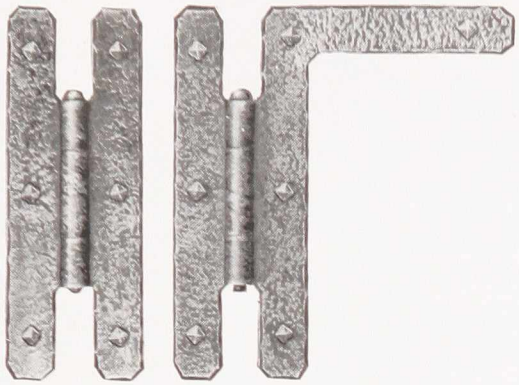
No. 12313

Number	Extreme Length H Plate Inches	Extreme Length L Plate Inches	Extreme Width L Plate Inches	Extreme Length Intermediate Plate Inches	Extreme Width Intermediate Plate Inches	Width H & L Plates Inches	Size of Stud Screw Inches	Weight Per Box Pounds
12310	.....	4½	3½	.....	.....	5/8	¾x9	1¼
12312	4½	.....	.....	.....	.....	5/8	¾x9	5/8
12313	.....	.....	.....	4½	1¾	5/8	¾x9	¾
12314	.....	6	4½	.....	.....	5/8	¾x9	1 7/8
12316	6	.....	.....	.....	.....	5/8	¾x9	1¼
12710	.....	4½	3	.....	.....	5/8	¾x9	1
12712	4½	.....	.....	.....	.....	5/8	¾x9	5/8
12713	.....	.....	.....	4½	1¾	5/8	¾x9	¾
12714	.....	6	4	.....	.....	5/8	¾x9	1 5/8
12716	6	.....	.....	.....	.....	5/8	¾x9	1 1/8

Specify Number and Finish. Refer to Page No. 453 for description of finish.
All H and H & L and intermediate plates are Reversible.
Packed 5 single plates in a box, complete with studs.

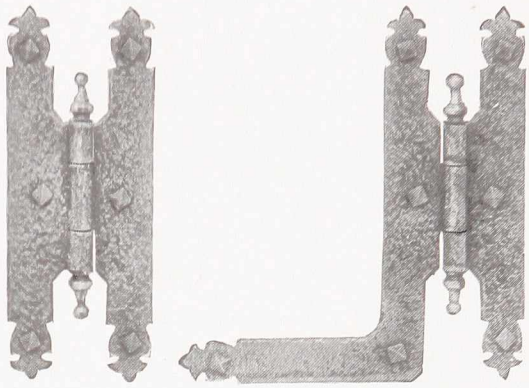
FORGED IRON HARDWARE

H AND H & L HINGES FOR DOORS



No. 12670
No. 12715
No. 12718

No. 12671
No. 12717
No. 12719



No. 12370
No. 12315
No. 12318

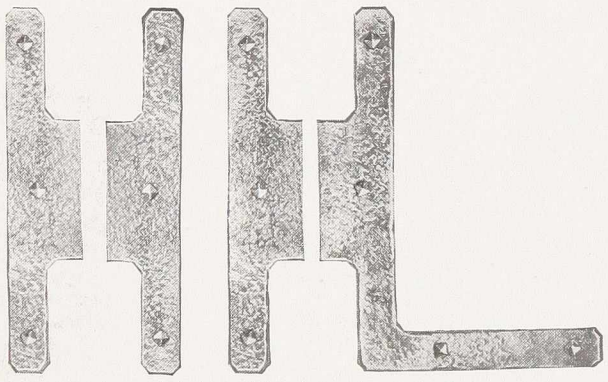
No. 12371
No. 12317
No. 12319

Number	Extreme Length Inches	Extreme Width Inches	Width of Plates Inches	Length of Joint Inches	Size of Stud Screws Inches	Weight Per Pair Pounds
12315	4½	1¾	⅞	1⅞	¾x9	¾
12317	4½	4⅛	⅞	1⅞	¾x9	¾
12318	6	2	⅞	2⅜	¾x9	1
12319	6	5¼	⅞	2⅜	¾x9	1
12370	7	2½	⅞	3 7/16	1¼x12	1⅛
12371	7	6¼	⅞	3 7/16	1¼x12	1⅛
12670	7	2½	⅞	3 7/16	1¼x12	1⅛
12671	7	6¼	⅞	3 7/16	1¼x12	1⅛
12715	4½	1¾	⅞	1⅞	¾x9	¾
12717	4½	4⅛	⅞	1⅞	¾x9	¾
12718	6	2	⅞	2⅜	¾x9	1
12919	6	5¼	⅞	2⅜	¾x9	1

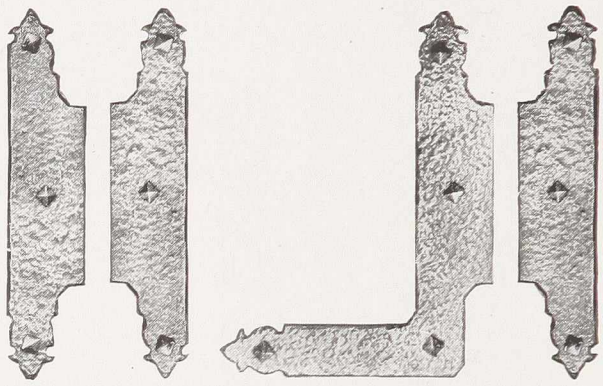
Specify Number and Finish. Refer to Page No. 453 for description of finish.
H hinges Reversible. H & L hinges Reversible when ordered in pairs.
Packed 1 pair in a box, complete with studs.

FORGED IRON HARDWARE

H AND H & L HINGE PLATES FOR DOORS



No. 12654 No. 12653 No. 12656 | No. 12654 No. 12653 No. 12656 | No. 12654 No. 12653 No. 12656 | No. 12652 No. 12651 No. 12655



No. 12354 No. 12653 No. 12656 | No. 12354 No. 12353 No. 12356 | No. 12352 No. 12351 No. 12355 | No. 12354 No. 12353 No. 12356

Number	Extreme Length H Plate Inches	Width of H & H Plate Inches	Extreme Length L Plate Inches	Extreme Width L Plate Inches	For Use With Butts Size Inches	Size of Stud Screws Inches	Weight Each Pounds
12351	.....	1	9	7	3½x3½	⅞x12	¾
12352	.....	1	9	7	4 x4	⅞x12	¾
12353	9	1	.....	.....	3½x3½	⅞x12	½
12354	9	1	.....	.....	4 x4	⅞x12	½
12355	.....	1	7	5¼	3½x3½	⅞x12	⅝
12356	7	1	.....	.....	3½x3½	⅞x12	½
12651	.....	1	9	7	3½x3½	⅞x12	¾
12652	.....	1	9	7	4 x4	⅞x12	¾
12653	9	1	.....	.....	3½x3½	⅞x12	½
12654	9	1	.....	.....	4 x4	⅞x12	½
12655	.....	1	7	4¾	3½x3½	⅞x12	⅝
12656	7	1	.....	.....	3½x3½	⅞x12	½

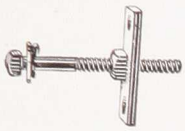
Specify Number and Finish. Refer to Page No. 453 for description of finish.
All H & L plates Reversible.
Packed 5 each of H plates in a box, complete with studs.
Packed 1 each of H & L plates in a box, complete with studs.

FORGED IRON HARDWARE

SHUTTER HARDWARE

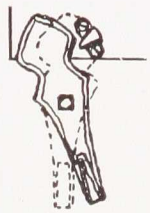
Drive Nail With
Nos. 12813 and 12823

Lag Screw With
Nos. 12810 and 12820



Bolts and Plate With
Nos. 12811 and 12821

Toggle Bolt With
Nos. 12812 and 12822



No. 12826
Anti-Rattle Hook

No. 12820
No. 12821
No. 12822
No. 12823

No. 12810
No. 12811
No. 12812
No. 12813

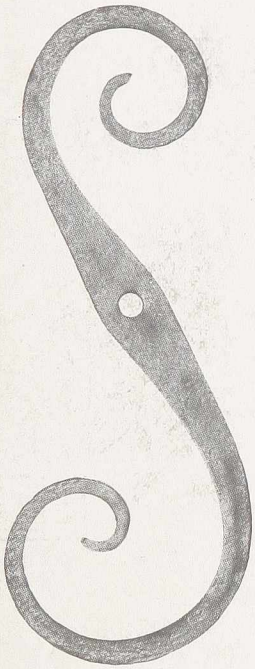
SHUTTER DOGS

Number	Extreme Length Inches	Extreme Width Inches	Length of Drive Nail, Lag Screw or Bolt, Inches	Weight Per Pair Pounds
12810	8	3½	4½—Lag Screw	1⅛
12811	8	3½	3¾—Bolt With Plate	1½
12812	8	3½	6 —Toggle Bolt	1½
12813	8	3½	4½—Drive Nail	1½
12820	6	2¼	4½—Lag Screw	1⅛
12821	6	2¼	3¾—Bolt With Plate	1½
12822	6	2¼	6 —Toggle Bolt	1½
12823	6	2¼	4½—Drive Nail	1½
12826	1½	¾	Anti Rattle Hook for Either Dog	.....

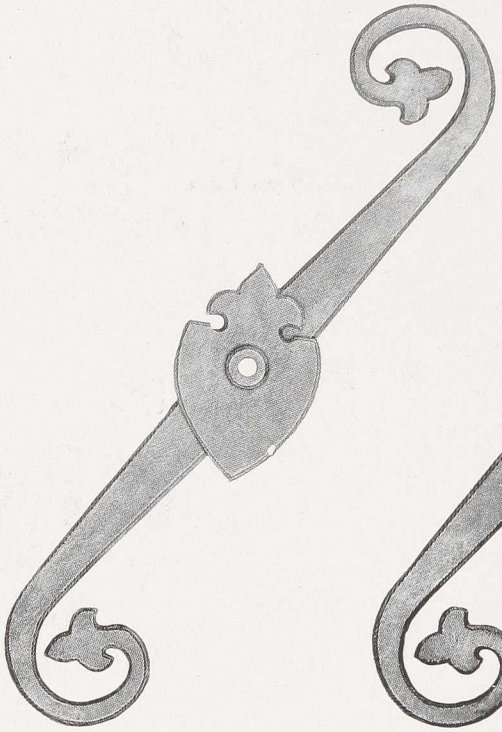
Specify Number and Finish. Refer to Page No. 453 for description of finish.
The Drive Nail, Lag Screw and Bolts shown, permit application to any wall.
Packed 1 pair in a box, complete with bolts.

FORGED IRON HARDWARE

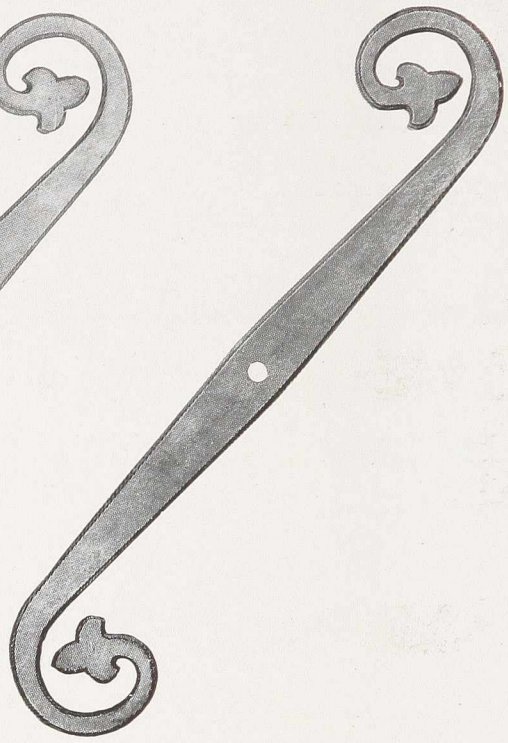
CHIMNEY IRONS



No. 13000



No. 13001



No. 13002

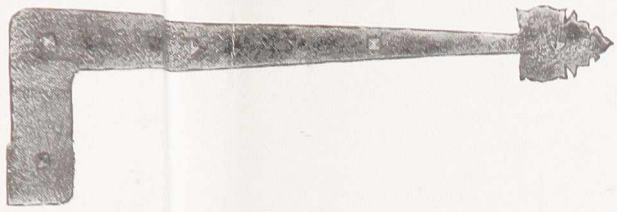
CHIMNEY IRONS

Number	Extreme Length Inches	Extreme Width Inches	Hole for Bolt Inches	Weight Each Pounds
13000	30	10½	1	6¼
13001	36⅝	6	1	9
13002	36⅝	6	1	7

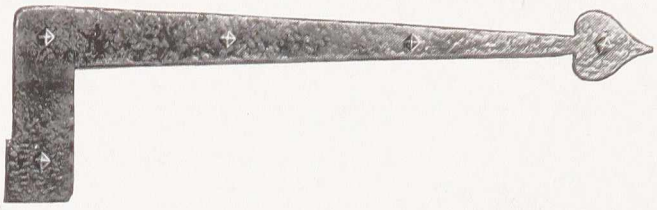
Specify Number and Finish. Refer to Page No. 453 for description of finish.
Chimney irons furnished without bolts.
Packed each, wrapped in heavy paper.

FORGED IRON HARDWARE

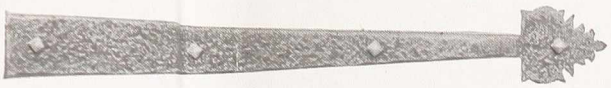
SHUTTER HARDWARE



No. 12806WK
Offset Hinge Strap

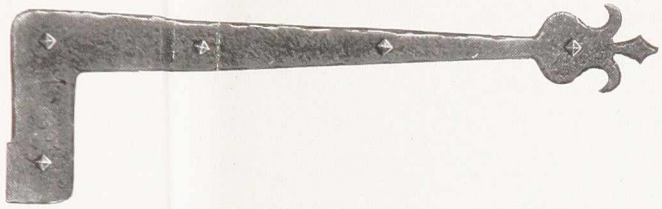


No. 12806HT
Offset Hinge Strap



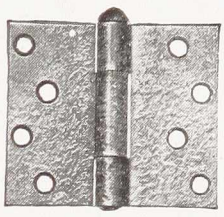
No. 12804WK
Hinge Strap

No. 12804HT
Hinge Strap



No. 12806TP
Offset Hinge Strap

No. 12804TP
Hinge Strap



No. 12800
Shutter Hinge

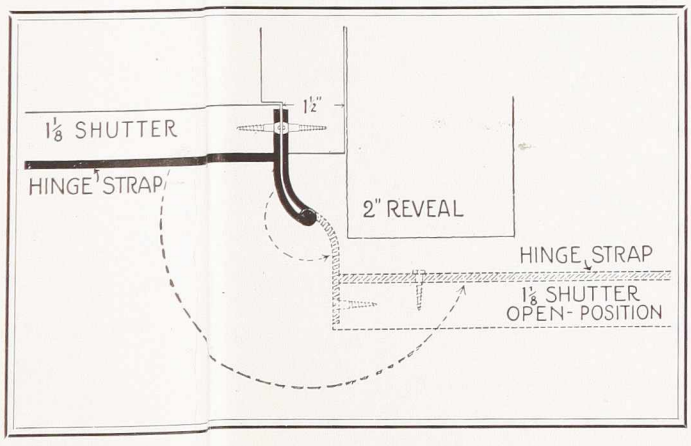
No. 12802
Shutter Hinges, Curved

HINGE STRAPS—REVERSIBLE

Number	Extreme Length Inches	Width at Hanging End Inches	Offset Center to Center Inches	Size Square Stud Screws Inches	Approximate Weight Each Pounds
12804WK	14 3/8	1 3/8	.....	3/4x9	5/8
12804HT	14	1 3/8	.....	3/4x9	5/8
12804TP	15	1 3/8	.....	3/4x9	5/8
12806WK	14 1/4	1 3/8	3 1/8	3/4x9	7/8
12806HT	14	1 3/8	2 3/4	3/4x9	7/8
12806TP	15	1 3/8	3	3/4x9	7/8

Specify, Number and Finish. Refer to Page No. 453 for description of finish.
Packed each hingestrap, wrapped in a paper, complete with stud screws.

SHUTTER HINGES



Loose Pin Reversible Hinges with Brass Pins

Number	Size Inches	Maximum Throw to Clear Reveal Inches	Size of Screws Inches	Pairs in a Box with Screws Inches	Approximate Weight Per Pair Pounds
12800	3x3 1/2	.....	1x9	1	7/8
12802	3x5	2 1/2	1x9	1	1 1/2
	3x6	3 1/2	1x9	1	1 5/8
	3x7	4 1/2	1x9	1	1 7/8
	3x8	5 1/2	1x9	1	2

Loose pin reversible hinges with brass pins.
No. 12802 is made with curved offset to throw shutter back clear of window. (See detail drawing above.)
Specify Number and Finish. Refer to Page No. 453 for description of finish.

Manufactured and Sold by
THE HEINN COMPANY
MILWAUKEE, U.S.A.
SPEEDLOK BINDER
PATENTS NO. 1779121 - 1539308
1601958

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